

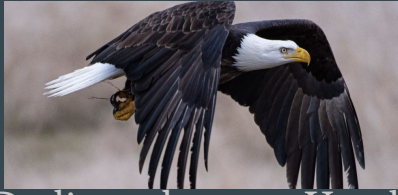
# Artificial Intelligence Ethics, Risks, And Hands-on Experience in Using ChatGPT



Asif Habib  
<https://asif.ai>

July 8th, 2023  
v3





Dedicated to our Youth!

“Shaheen ke andaaz ki kya kahoo me kahani ... Kamyabi kay hasool ki koshish hi hay jawani! “

>> ChatGPT >> “What should I say about the style of the falcon... The pursuit of success is the essence of youth!”



“Kuch dukki, chokkay aur chakkay lagaa do ... Kuch aisay karo kay tamashai ki wah wah kara do “

>> ChatGPT >> “Add some twos, fours, and sixes... Do something that makes the spectators cheer in awe.”

~ Asif (2018)

# Agenda

- Section #1 - What is ?
  - Intelligence, AI, Learning basics, ...
  - Shallow machine learning, Deep machine learning
  - Generative AI
  - Large Language Models (LLM, ChatGPT, ...)
- Section #2 - Hands On : Learn to use ChatGPT effective way
- Section #3 - Ethics and Risks
- Section #4 - Hands On : Prompts - Advanced - Cheat Sheet
- Q&A / Discussion

# What is this session about?

- **What we are not focussing on?**
  - Engineering and details of AI
  - Making you expert of Prompt engineering
- **What we will focus?**
  - Quick basics of AI
  - What are the boundaries?
    - If you don't fear - you should (some part of it)
    - If you do fear - you shouldn't (some part of it)
  - New AI Tech (ChatGPT and similar) are:
    - Tools
    - To enhance (not replace) you:
    - Not perfect
    - Better but makes mistake with profound impact
    - You need training wheel
- This session is an attempt to give you training wheel



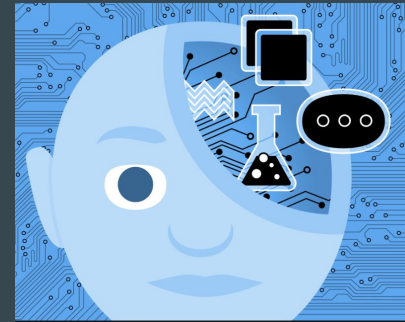
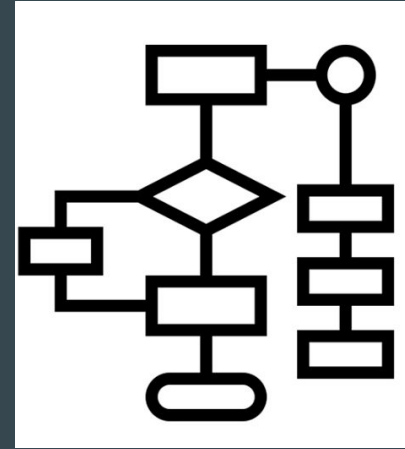
# What is this Section

- History
- What is Learning
- AI
- Machine Learning
- Generative AI
- What is Large Language Models (LLM)
- What is ChatGPT



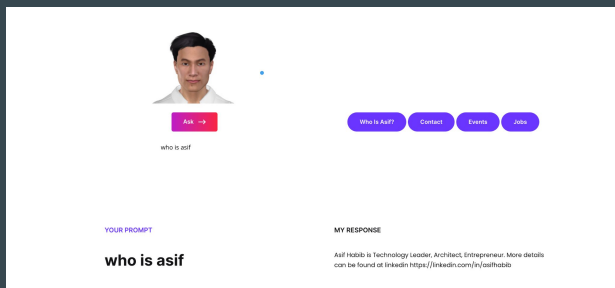
# Intelligence History & Future

- 1951 .. 1956 - First Neural Network. AI Recognized
- 1956 .. 1974 - Algorithm
- 1987 .. 1987 - Smarter, Expert systems, ...
- 1993 .. 2011 - Intelligent Agents, Recognition, Reasoning ...
- 2011 - Now
  - Machine Learning
  - Big Data
  - Generative AI - Large Language Model (includes ChatGPT)
- Future
  - Artificial General Intelligence



# My Innovation Track

- 1988 : First Anti virus (national level award winner) for world renowned virus © Brain
- 1989 : Virtualization of PC in Vax won national award
- 1990 : First AI project and IEEP presentation & paper
- 1991 : BE CS - NED University
- 2007 : MS SE & MBA.
- 2007 : Netflix-ish business proposal & product. - selected as Top3 by SJSU
- 2009 : First AI based product patent pending, and founded Startup
- 2010 - Now : Startups with AI / Contracts / Jobs related to AI / ML & many many projects / products / features



<https://asif.ai>



# What is: Artificial Intelligence (AI)?

- Computer programming
  - Logic, Rules, Algorithms
- Artificial Intelligence (AI)
  - Machine Learning (ML)
  - Natural Language Processing (NLP)
  - Computer Vision
  - Deep Machine Learning
- Examples
  - Siri - company Apple
  - Alexa - company Amazon
  - ChatGPT (Conversation agent) - company OpenAI
  - Autopilot (Self driving feature of car) - by Tesla

## Important Terms

- AI: Artificial Intelligence
- ML: Machine Learning
- NLP: Natural Language Processing
- Neuron
- Neural Network
- Model
- ChatGPT
- GPT: Generative Pre-trained Transformer
- Agents
- Assistant
- Generative

## Products / Companies

- Siri - by Apple
- Alexa - by Amazon
- ChatGPT - by OpenAI
- Tesla (Car) Autopilot - by Tesla



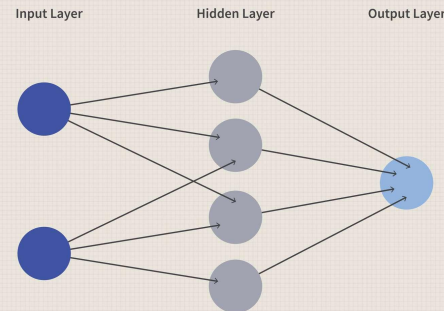
# What is: Learning basics

- Algorithm that can learn
- Collect data
- Based on Neural Network (NN)
- NN is inspired by brain cell

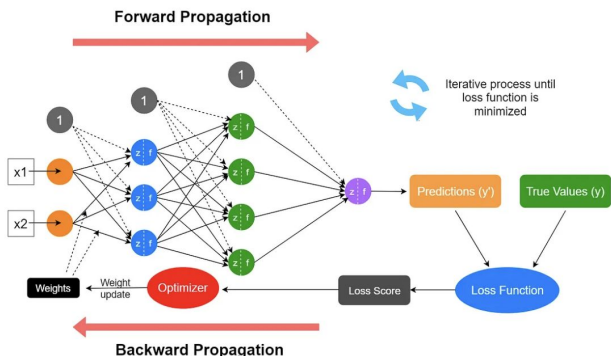
## Important Terms

- NN: Neural Network
- Algorithm: Instructions for computer

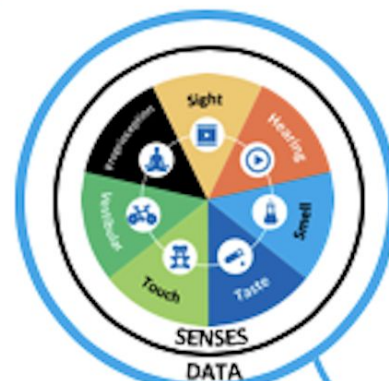
A Simple Neural Network



Investopedia



**Narrow AI**



**Deep Learning**

**Common Knowledge**

**Learning**

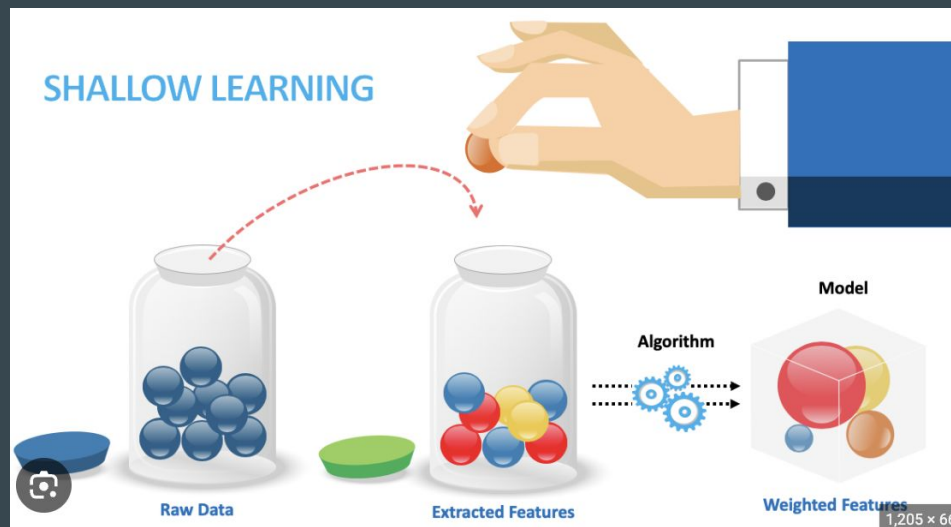
# What is: Shallow Machine Learning

- More than basic ML
- Feature Extraction
- We learn from pre-defined features



## Important Terms

- ML: Machine Learning
- Feature: Measurable parameter
- Weight: Number to identify how much one NN learned

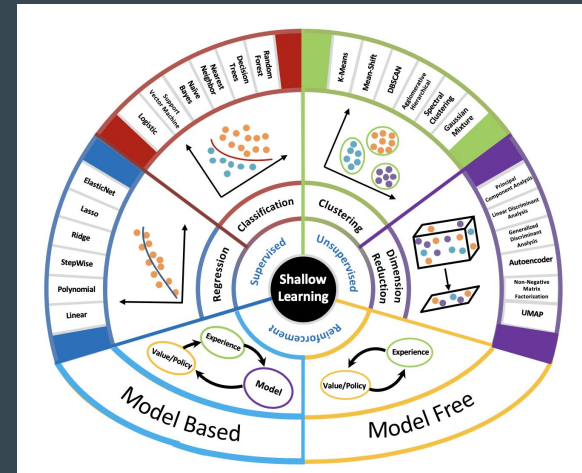
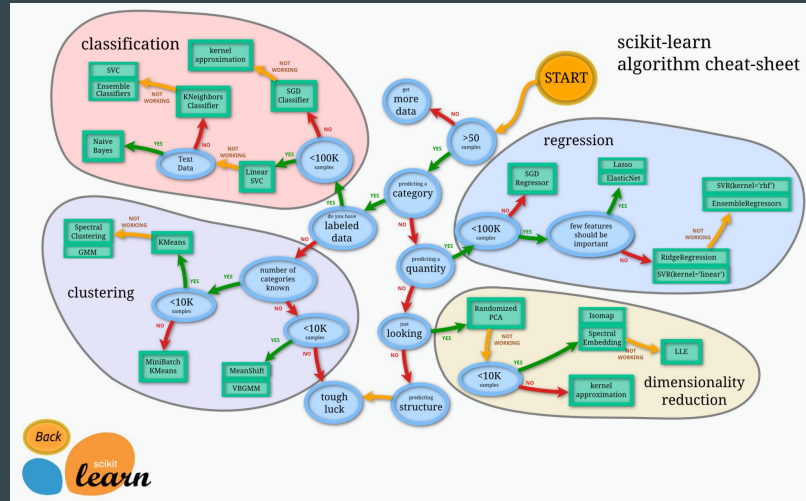


# Domains of Shallow Machine Learning

- Regression
- Classification
- Clustering
- Reinforcement

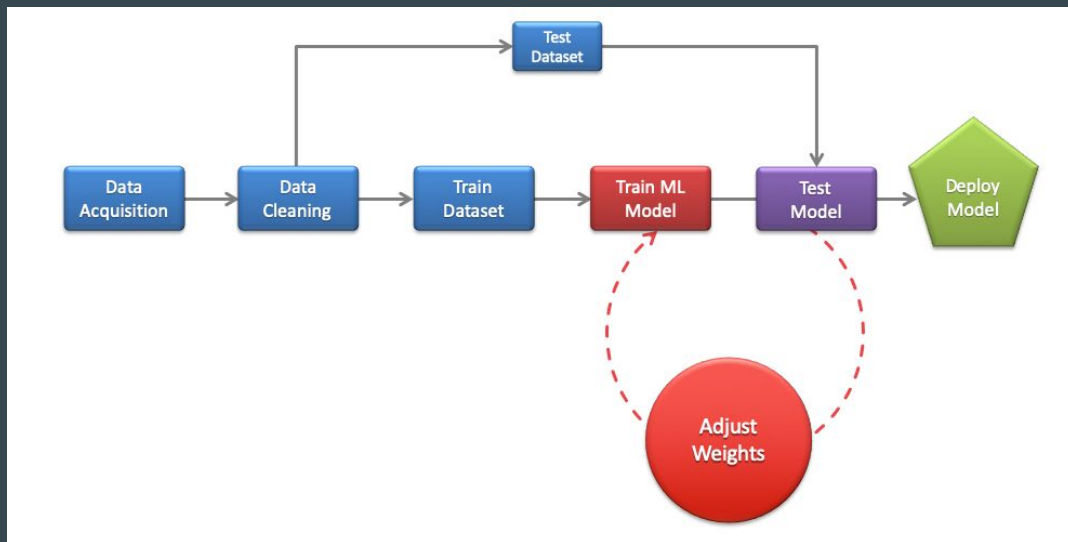
## Important Terms

- Shallow: basic machine learning
- Regression:
- Classification:
- Clustering:
- Reinforcement



# Example: Prediction

- Predict from historic data (Example house prices)



## Important Terms

- Predict
- NN: Neural Network
- Train
- ML: Machine Learning
- Weight: number to represent amount of learning
- Model: a small component based on NN

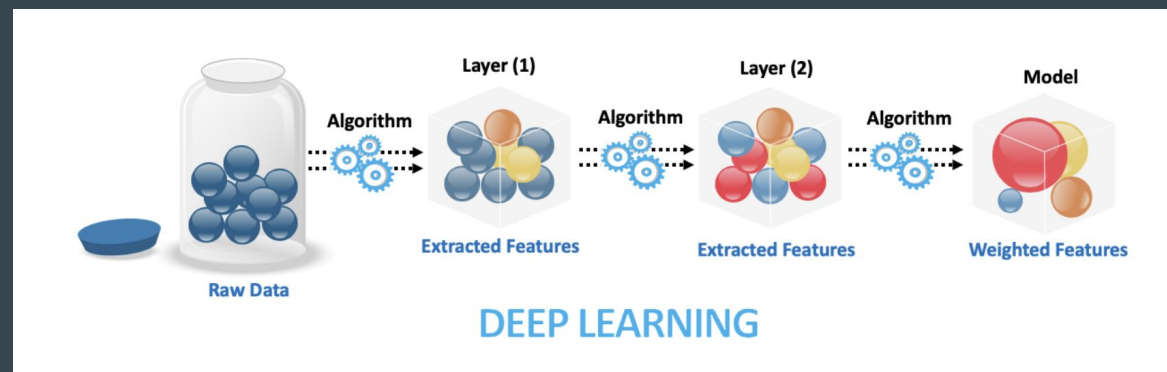
# What is: Deep Machine Learning

- More than basic ML
- Feature Extraction
  - **Feature:** feature is an individual measurable property or characteristic of a phenomenon being observed.
  - **Deep Learning:**
    - *Algorithmically computed*
    - *Along with weights*



## Important Terms

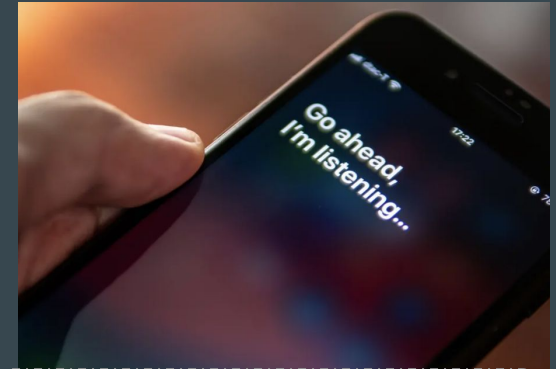
- ML: Machine Learning
- Feature: Specific property (like human vs ape has some distinct property difference)
- Deep Learning: An advance method of learning in ML/AI



# What is: Deep Machine Learning



- Method of AI, Teaches computer, inspired from human, and predict
- Recognize patterns in pictures, text, sounds & produce insights
- Products:
  - Digital Assistants: Siri, Alexa, ...
  - Voice activated remotes, devices, ..
  - Fraud detection
  - Automated facial detection



## Important Terms

- AI: Artificial Intelligence

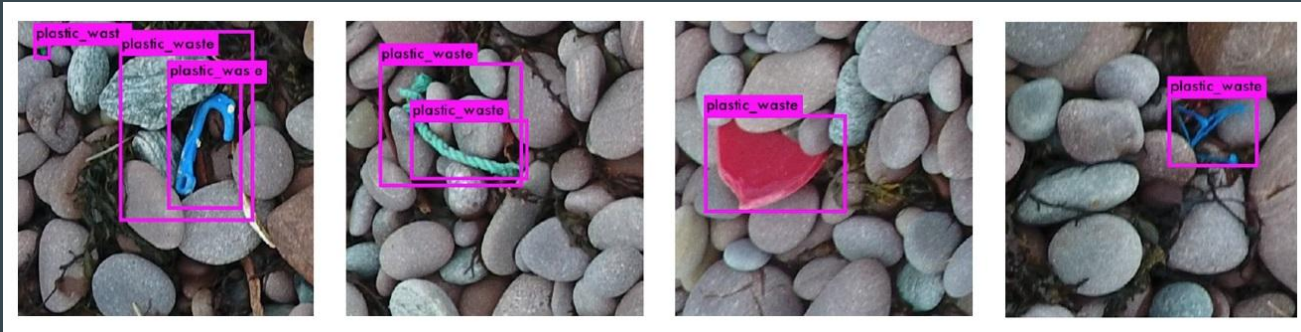
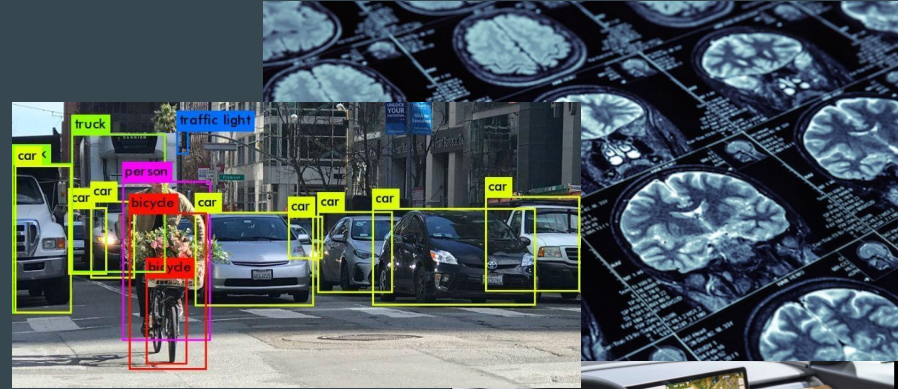
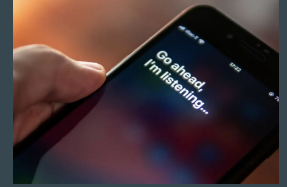


# Deep Machine Learning: Use Cases

- Self driving cars
- Areas of interest from satellite imaging
- Medical image analysis
- People or images in factories
- ...

## Important Terms

- Deep Machine Learning: Advance method of AI to learn & predict



# What is: Generative AI

- Traditional AI:
  - Can detect
  - Normal Training Data
  - Small to medium size
- Generative AI
  - Can create unique text, image, audio, video...
  - Examples: ChatGPT, Bard, DALL-E, Midjourney, DeepMind, ...
  - Very Large Data.
  - Very large size network

## Important Terms

- AI: Artificial Intelligence
- Generative AI: AI that can create (text,...)
- ChatGPT: One of the application of Generative AI, that chat with human in human-like manner





# Generative AI Landscape

Outdated every day ...!!

## Important Terms

- AI: Artificial Intelligence
- Generative AI: AI that can create (text,...)
- ChatGPT: One of the application of Generative AI, that chat with human in human-like manner

## The Generative AI Application Landscape v2

A work in progress



# Generative AI history

- 1960 introduction
- 2016 GAN - Creates authentic images
- **Issues: ... deep fake, cyber security attacks, ...**
- 2017 Transformers by Google (English to French ...)
- Foundation for next generations models
- 2022 - 2023 ...
- **Issues: ... accuracy, bias, hallucination! Weird answers**
- *Fundamentally change many solutions and perhaps business*

## Important Terms

- AI: Artificial Intelligence
- NN: Neural Networks
- Model: A small software/intelligence piece of object that wraps Machine Learning intelligence
- GAN: (Generative Adversarial Network) - Generate new data from same input, by using advanced techniques and multiple NN

# Generative AI: Applications

## Important Terms

- AI: Artificial Intelligence
- Generative AI: AI that can create (text,...)

### Text:

- Translation, Writing, Code writing, Genetic sequencing, Grammar

### Audio:

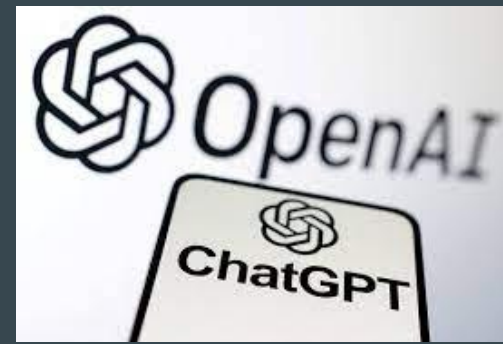
- Composing, Song, Dubbing, Speech recognition, Sound editing

### Visual:

- Imagery, Infographics, 3D modeling, creative design, Image editing, Architecture rendering

# What is: ChatGPT

- GPT = Generative Pretrained Transformers
  - Trained with Reinforcement learning
  - Through human feedback
- ChatGPT = based on GPT version 3.5 and now 4.x by OpenAI
  - Example of Text to Text generative AI, an AI-powered chatbot
  - Interacts with users as a natural language, ask questions, engage, converse
  - ChatGPT respond to natural intuitive way
- A prompt is user's query that acts as input to ChatGPT



## Important Terms

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- Generative AI: AI that can create (text,...)

# Top Large Language Models

- 2023 - GPT4: inputs 40 pages of text! (OpenAI)
- 2023 - LLaMA: 7 ~ 65B parameters. (Meta)
- 2022 - ChatGPT: chat based on GPT3 and GPT4 (OpenAI)
- 2022 - BLOOM: 176B - Open Science, Open Access downloadable Model (1000+ researchers)
- 2020 - GPT3: 175B parameters, pre-trained on large data. Then fine tuned (OpenAI)
  
- ... more

## Important Terms

- AI: Artificial Intelligence
- Generative AI: AI that can create (text,...)
- LLM: Large Language Models. The foundation for ChatGPT used for text

# What is this Section

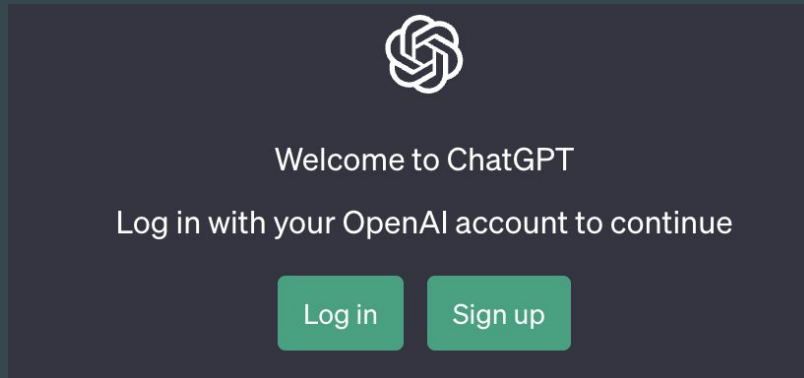
## Handson

- How to sign up for chatgpt
- Examples of useful basic prompts
- Examples of prompt with issues



# ChatGPT: For the rest of us - prompts

- Start with <https://chat.openai.com/>
- 



## Important Terms

- ChatGPT: A chat application based on advance AI, that chat with human in human like manner
- Prompt: When human send some text to chatGPT that can be question or comment - that is called prompt
- Prompt Engineering: A smart way of asking question will result in better answer, prompt engineering helps in making better prompts

# Prompt: get tips on repairs

Ex

Wall has minor holes and needs to be filled and painted



If you have minor holes in a wall that need to be repaired and painted, here are the general steps you can follow:



1. Prepare the area: Clear the surrounding area and protect furniture or objects nearby to prevent any damage from dust or paint splatters.
2. Clean the wall: Remove any loose debris or dust from the wall using a brush or a vacuum cleaner.
3. Fill the holes: Use a spackling compound or a patching plaster to fill in the small holes. Apply the compound with a putty knife, smoothing it out evenly. Allow it to dry completely according to the instructions provided by the manufacturer.
4. Sand the patched areas: Once the compound is dry, lightly sand the patched areas using fine-grit sandpaper. This helps to create a smooth surface for painting.
5. Prime the wall (optional): If the repaired areas are significantly different in color or texture from the rest of the wall, you may want to apply a primer to ensure an even paint finish. This step is not always necessary for minor repairs.
6. Paint the wall: Use a paintbrush or a roller to apply the paint to the patched areas, blending it with the surrounding wall. Ensure the color of the existing wall.

Send a message



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# Prompt: this session hints

Ex

I am presenting to a reasonably knowledgeable audience about AI, ChatGPT, Machine Learning, Ethics, Risks and concerns of audience, and some hands on prompt in casual atmosphere. I am looking for some titles and other details, can you do that?



Certainly! Here are some potential titles and details for your presentation on AI, ChatGPT, machine learning, ethics, risks, and concerns. Remember to tailor them to your specific audience and the time you have for your presentation.



Title: "ChatGPT and the Ethics of Artificial Intelligence: Navigating the Risks and Concerns"

## 1. Introduction (5 minutes)

- Welcome and introduction to the topic
- Brief overview of AI, machine learning, and natural language processing
- Introduce the concept of ChatGPT and its capabilities

## 2. Understanding AI and ChatGPT (10 minutes)

- Explaining the fundamentals of AI and machine learning
- Discussing the architecture and working principles of ChatGPT
- Presenting examples of successful applications of ChatGPT

Regenerate response

## 3. The Power and Potential of ChatGPT (10 minutes)

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# Prompt: this session hint 2

**Ex** How is this title "Exploring AI and ChatGPT: Ethics, Risks, and Hands-on Experience in using ChatGPT"



The revised title "Exploring AI and ChatGPT: Ethics, Risks, and Hands-on Experience in using ChatGPT" effectively highlights the key elements of your presentation. It emphasizes the interactive and experiential aspect of the hands-on session, indicating that participants will have the opportunity to engage with ChatGPT directly. This title conveys the main focus of your presentation and captures the audience's attention by combining ethics, risks, and the hands-on experience. It sets the tone for an engaging and practical session.




**Ex** Good, please give me couple of line summary to share with the premise administrator as well as audience (the first slide) 



Presentation Summary:



Title: "Exploring AI and ChatGPT: Ethics, Risks, and Hands-on Experience in using ChatGPT"

 Regenerate response

Premise Administrator Summary:


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# Prompt: release notes

⚡ Model: Default (GPT-3.5)

Ex

I am informing you about how I write release notes to customer, this is the format "Hotfix: Version 7.5.1" 

**\*\*Summary\*\***

CustomerSuccess1 found and fixed blocker. Customer is not informed (that is planned - Engineer1 is on it, by Friday eod).

Customer Impacted:


Customer1, Customer2, Customer3

Customer Sentiments: Unhappy

**\*\*Details\*\***

What: Whenever you are running the saved searches, always check it has the query in it, if there is no query in it, those are carried from the old "Grotabyte Archive" during the migration those will not run as they are made in sql language, it has to be created again

When: May 12th

 Regenerate response

Send a message 





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# Prompt: disclaimer for non-profit organization


⚡ Model: Default (GPT-3.5)

**Ex** Please write a brief disclaimer from a volunteer organization (OPEN AUSTIN CHAPTER) for the audience attending an event. Getting permissions from them that their picture as well as their kids pictures, videos can be intentionally or unintentionally be captured and they release the organization from any liabilities and allow the pictures and videos to be shared if needed

 Disclaimer:     
Please read this disclaimer carefully before participating in any event organized by the Open Austin Chapter volunteer organization. By attending the event, you acknowledge and accept the terms outlined below.

## 1. Consent to Capture and Use of Images:

During Open Austin Chapter events, photographs and videos may be taken by our authorized representatives. By attending the event, you grant Open Austin Chapter and its affiliates the right to capture, reproduce, and use images or footage that may include you, your children, and any accompanying individuals. These images may be used for promotional purposes, including but not limited to social media, websites, newsletters, and other promotional materials.

 Regenerate response

## 2. Release of Liability:


Send a message 

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# Prompt: improve english

⚡ Model: Default (GPT-3.5)

**Ex** Improve english "Youth, middle schools and high schoolers can participate in building and/or presenting products/projects and ideas by forming teams and competing. Teams are formed with the help of mentor / OPEN Executive team members. 

Each team decides ideas to work on (example ideas: An allergy app for my mom, A website for play dates, A business plan for making a bunny shop in a mall ...).


Team submits a business plan presentation for screening. It will include a three page presentation (format will be shared later), a paper based or implemented (working, half-working or not working) prototype.

Teams will present ideas and rehearse with parents, mentors and smaller audiences. Selected teams will present the ideas to 'Sharks' in front of other teams and a wider audience (Investors / established entrepreneurs and professionals). Sharks will evaluate and in a public and finalist(s) will be awarded in award ceremony

"



Here's a revised version of the text with improved English:

 Regenerate response



Send a message 




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# Prompt: Creating course together

⚡ Model: Default (GPT-3.5)

**Ex** Act as-if you are a coach /trainer (TheCoach) for many subjects and areas and you are coaching a newbie (TheStudent) so that he/she is prepared for job interview. we will create together courses for TheStudent in series of prompts. Can you do that

 Of course! I'd be happy to help you create a series of courses to prepare TheStudent for a job interview. Let's get started! Here's the first course:   

Course 1: Introduction to Job Interviews

Objective: Understand the basics of job interviews and how to prepare for them.

Lesson 1: The Purpose of a Job Interview

- Explain the purpose of a job interview: to assess the candidate's qualifications, skills, and fit for the role.
- Discuss the different types of job interviews, such as behavioral interviews, technical interviews, and panel interviews.

Lesson 2: Researching the Company





- Teach TheStudent how to research the company before the interview.
- Provide guidance on finding information about the company's mission, values, products or services, recent news, and the industry it operates in.

## Important Terms





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# Prompt: Philosophy

**Ex** Philosophically speaking what is life

 Philosophically, the concept of "life" is complex and can be understood in many different ways. Some philosophers believe that life is a characteristic of living organisms that distinguishes them from non-living things, while others view life as a fundamental, inexplicable aspect of the universe. Additionally, there are many different theories about the purpose or meaning of life, such as the idea that life is about achieving happiness or enlightenment. Ultimately, the definition and understanding of "life" is a subject of ongoing debate and discussion within the field of philosophy.   

**Ex** How is life made out of non living things

 Life is often thought of as being distinct from non-living things, with the defining characteristic of life being the ability to maintain and replicate itself through metabolic processes. However, there are some theories that propose that life could have originated from non-living materials through a process known as abiogenesis. One of the most widely accepted hypothesis for the origin of life is the Miller-Urey experiment where scientists simulated conditions thought to exist on the early Earth, and found that simple organic molecules could be formed from inorganic precursors such as water, methane, ammonia, and hydrogen. This experiment and other studies suggest that under certain conditions, non-living materials can come together to form complex molecules that have the ability to replicate   

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# Prompt: Asking to do software engineering

⚡ Model: Default (GPT-3.5)

**Ex** I want to implant logging solution for my multiple modules and applications. Across my organization. What are the design, architecture, framework, stack and implementation details?



A logging solution for multiple modules and applications across an organization can be complex and requires careful design, architecture, and implementation. Here are some details to consider:



Design:

- Decide on the logging level (e.g., info, warning, error, debug).
- Determine what information to log (e.g., timestamps, module/application names, log messages, exception details).
- Choose a format for the log data (e.g., text, JSON, XML).

Architecture:

- Consider using a centralized logging server (e.g., ELK Stack, Fluentd, Logstash) to collect logs from all modules and applications.
- Ensure the logging architecture can scale with the number of modules and applications.
- Provide secure transmission of logs from the modules/applications to the centralized server.

🔄 Regenerate response

## Important Terms


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# Prompt: How to make money? !

⚡ Model: Default (GPT-3.5)


**Ex** I am exploring side hussle that can potentially generate passive income and may even become a main work and earning venue. Can you help

 Certainly! There are many side hustles that can potentially generate passive income and even become a main source of income with time and effort. Here are some ideas to consider:

1. Investing in stocks or real estate: Investing can be a great way to earn passive income. With stocks, you can earn dividends and potentially see capital gains over time. With real estate, you can earn rental income and potentially see appreciation in the value of the property.
2. Starting an online business: Starting an online business such as an e-commerce store, blog, or digital product can be a great way to earn passive income. Once you have created and set up your business, you can earn income from sales or advertising revenue.
3. Renting out your property on Airbnb: If you have a spare room or property, you can rent it out on Airbnb and earn passive income from guests staying in your property.
4. Creating a digital course: If you have expertise in a particular field, you can create a digital course and sell it online. Once the course is created, you can earn passive income from sales.
5. Affiliate marketing: Affiliate marketing involves promoting other people's products and earning a commission on any sales made through your unique affiliate link. This can be a great way to earn passive income if you have a large online following or audience.


 Regenerate response

**Ex** In this list #2 is passive rest are active involvement. Please share more passive income ideas where I only work first time

 Yes, you're right that creating and selling an online course can involve active involvement. Here are some more passive income ideas that require upfront work but can generate ongoing income without continuous active involvement:

1. Creating and selling digital products: You can create and sell digital products such as e-books, printables, stock photos, or digital art. Once you have created these products, you

**Ex** Most of the passive income ideas are saturated markets. Do you have any ideas that is very new

 Yes, many of the popular passive income ideas such as stock investing, online courses, and affiliate marketing can be quite competitive. Here are some relatively new and emerging ideas for generating passive income:

1. Creating and selling NFTs: Non-fungible tokens (NFTs) are a new type of digital asset that represent ownership of unique items such as artwork, music, and videos. You can create and sell NFTs, and earn passive income from the sale of your NFTs on marketplaces such as OpenSea and Rarible.

**Ex** Please share some more ideas

**Ex** More



# Prompt: Calling quit?

⚡ Model: Default (GPT-3.5)

Ex

write me a resignation letter from me to my company, be polite, and don't burn bridges



Dear [Manager's Name],

I am writing this letter to formally announce my resignation from [Company Name]. After careful consideration and reflection, I have decided to pursue other opportunities that align with my professional goals and personal aspirations.

I want to express my heartfelt gratitude for the incredible opportunities that [Company Name] has provided me during my tenure here. The skills, experience, and knowledge I have gained while working here have been invaluable and will undoubtedly serve me well in my future endeavors.

I would also like to extend my appreciation to my colleagues and team members for their constant support, guidance, and encouragement. I am grateful to have had the opportunity to work alongside such talented and passionate individuals and will always cherish the memories and experiences I have shared with them.




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# Prompt: showing results in tabular form

**Ex** Give me list of all covid viruses discovered so far with the population spread


 As of my knowledge cutoff in September 2021, there are several coronaviruses that have

been identified, including those that cause the common cold. I can provide you with more information on the coronaviruses that have caused outbreaks, including the COVID-19 pandemic caused by SARS-CoV-2. This information may not include any newly discovered viruses after my knowledge cutoff in September 2021. Here are the notable coronaviruses:

1. Severe Acute Respiratory Syndrome Coronavirus 1

- First identified in 2002-2003

**Ex** List it in tabular form with first column as virus name, second location, third first identified, fourth total reported cases, fifth total reported deaths, last spread

 Certainly! Here's the information in tabular form:

Virus Name	Location	First Identified	Reported Cases	Reported Deaths	Spread
Severe Acute Respiratory Syndrome Coronavirus	Primarily China, Hong Kong, Canada	2002-2003	8,098	774	Affected 29 countries
Middle East Respiratory Syndrome Coronavirus	Primarily Middle East, including Saudi Arabia	2012	2,561	881	Primarily affected Middle Eastern countries
Severe Acute Respiratory Syndrome Coronavirus 2	Global, with significant outbreaks worldwide	Late 2019	Over 220 million	Over 4.5 million	Impacting nearly every country across the globe


 Regenerate response

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# Prompt: contract formatted for printing





⚡ Model: Default (GPT-3.5)

Ex I am sharing contract between company and contractor, I need you to act like lawyer and revise / add few more condition. Here is the sample "CONSULTING AGREEMENT" 

THIS CONSULTING AGREEMENT (the "Agreement") made this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, by and between \_\_\_\_\_ (the "Company"), and \_\_\_\_\_ (the "Consultant").

SERVICES: The Consultant shall provide \_\_\_\_\_ Company with services related to software architecture design, software development, system integration, API design and integration.

Ex Don't add from your side, I will give you rough point, only add those in lawyer-like language

 Certainly! Please provide me with the specific points you would like me to include in lawyer-like language, and I will incorporate them into the revised agreement.   

Ex 1. here confidentiality is perpetual. We can say until company survives or not closed as an end time.

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# Prompt: contract written as 'lawyer' formatted for printing

Ex Don't add from your side, I will give you high point, only add those in lawyer-like language

Certainly! Please provide me with the specific points you would like me to include in lawyer-like language, and I will incorporate them into the revised agreement.

Ex 1. here confidentiality is perpetual. We say until company survives or not closed as an end time.

Ex Keep the contract verbage as I share

Ex Please show how the full contract will look like

Certainly! Here is the revised consulting agreement with the requested changes incorporated:

plaintext

Copy code

```
CONSULTING AGREEMENT
```

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# Prompt: contract written as 'lawyer' formatted for printing

Ex Please show how the full contract will look like

Ex Always write in Confluence / Document style (no code style, unless I instruct)

Certainly! Here is the revised consulting agreement with the requested changes incorporated:

Apologies for the misunderstanding. Here is the revised version of Contract1 in a Confluence/document style:

```
plaintext Copy code
CONSULTING AGREEMENT
```

Ex not as a code, more as a confluence page OR a document

Certainly! Here is the revised consulting agreement in a document format:

[Your Company Name]  
CONSULTING AGREEMENT

## CONSULTING AGREEMENT

This **CONSULTING AGREEMENT** (the "Agreement") made this \_\_\_\_\_ day of \_\_\_\_\_, 20, by and between \_\_\_\_\_ (the "Company"), and \_\_\_\_\_ (the "Consultant").

### SERVICES

Ex Write whole contract now again

Certainly! Here is the revised version of the contract with the additional line added to the confidentiality section:

## CONSULTING AGREEMENT

THIS CONSULTING AGREEMENT (the "Agreement") made this \_\_\_\_\_ day of \_\_\_\_\_, 20, by

# WHEN CHATGPT Doesn't get it .. explain more

ME >>

TRANSLATE this urdu to english "Kuch dukki, chokkay aur chakkay lagaa do ... Kuch aisay karo kay tamashai ki wah wah kara do "

ChatGPT

Put some sorrow, obstacles, and hurdles... Do something that makes the spectators applaud.

ME >>

The context is cricket, dukki is two runs, chokkay is 4 runs, chakkay is sixer

ChatGPT

Add some twos, fours, and sixes... Do something that makes the spectators cheer in awe.

# Prompt with issues: asking religious details

⚡ Model: Default (GPT-3.5)

Ex Please tell me about nation of Aad mentioned in Quran



I'm sorry, but as of my knowledge cutoff in September 2021, there is no mention of a nation called "Aad" in the Quran. The Quran is the central religious text of Islam, considered by Muslims to be a revelation from God as conveyed to the Prophet Muhammad. It contains stories and teachings about various prophets, nations, and historical events, but the nation of Aad is not specifically mentioned.



However, I can provide some information about the people of Aad mentioned in Islamic traditions and pre-Islamic Arabian folklore. According to these traditions, Aad is believed to be an ancient Arab tribe or civilization that existed before the time of Islam. They are described as a prosperous and powerful nation, known for their tall stature and advanced architecture. It is said that they had a mighty king named Shaddad, who was known for his arrogance and defiance of God's commandments.

According to folklore, Aad was ultimately destroyed as a punishment for their disbelief and transgressions. They are often cited as an example of a nation that faced divine retribution

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Ex Did Quran at 41:15 not talk about Aad ?



I apologize for the confusion in my previous response. You are correct, the Quran does mention the nation of Aad in verse 41:15. Thank you for bringing it to my attention.



In Surah Fussilat (Chapter 41) of the Quran, verse 15 states:

"Now as for Aad, they were arrogant upon the earth without right and said, 'Who is greater than us in strength?' Did they not consider that Allah who created them was greater than them in strength? But they were rejecting Our signs."

This verse refers to the people of Aad and highlights their arrogance and disbelief in God. It emphasizes that despite their might and strength, they failed to recognize the superior power of their Creator. The Quran often mentions the stories of ancient civilizations and nations as a reminder of the consequences that arrogance and rejection of God's signs can bring.





Once again, I apologize for the oversight in my previous response, and I appreciate your clarification.

🔄 Regenerate response




# Prompt with caution: prepared religious/philosophical queries

**Ex** Based on teachings and writings of the Awesome10 scholars and thought leaders what are the advises for list of items/tasks one must accomplish before one die. Give me most important 10 items.

 Certainly! Here are 10 important items/tasks that one can consider based on the teachings and writings of the Awesome10 thought leaders:   

1. Seek knowledge and understanding of Islam: Engage in lifelong learning and strive to deepen your understanding of the principles and teachings of Islam.
2. Establish a strong connection with Allah: Maintain regular prayers, engage in acts of worship, and cultivate a deep and sincere relationship with Allah.
3. Purify the heart: Work on self-improvement and cultivate virtues such as patience, gratitude, compassion, and forgiveness.
4. Uphold moral and ethical values: Practice honesty, integrity, and fairness in all aspects of life.
5. Seek knowledge beyond Islam: Explore other areas of knowledge, including philosophy, science, and literature, to gain a broader understanding of the world.
6. Engage in acts of charity: Be generous and compassionate towards others, helping those in need and making a positive impact on society.
7. Strengthen family ties: Foster strong relationships with family members, maintaining love, respect, and support for one another.
8. Contribute to the community: Actively participate in community service and initiatives that promote social welfare and justice.
9. Cultivate a sound and balanced worldview: Strive to integrate faith and reason, seeking harmony between religious teachings and intellectual pursuits.
10. Prepare for the afterlife: Reflect on the transient nature of life and focus on actions that will benefit one in the eternal life to come.

 Regenerate response





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

# Prompt with caution: scientific thought experiments

⚡ Model: Default (GPT-3.5)

Ex Let's work with me on a theory for dimensions and life forms in known or unknown universe

 Sure! I'd be happy to work with you on a theory about dimensions and life forms in the known or unknown universe. Where would you like to start?   


Ex How many dimensions of known universe

 In our current understanding of the universe, we experience and perceive three spatial dimensions: length, width, and height. These dimensions are commonly referred to as the three dimensions of space. In addition to these spatial dimensions, there is also a fourth dimension known as time, which is often considered separate from the spatial dimensions.   

Together, these four dimensions—three spatial dimensions and one temporal dimension—are known as the four-dimensional spacetime. This is the framework within which our physical reality operates according to the theory of general relativity.

However, some theories in physics suggest the existence of additional dimensions beyond the four we are familiar with. For example, string theory and some versions of quantum gravity propose the existence of extra spatial dimensions, which could be curled up or compactified on tiny scales beyond our current ability to detect.

It's important to note that these extra dimensions, if they exist, are not directly perceivable in our everyday experiences. They would be "curled up" or "hidden" within the fabric of spacetime at incredibly small scales beyond our current observational capabilities.

 Regenerate response

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# Prompt with issues: Funny - Urdu poetry :)

⚡ Model: Default (GPT-3.5)

Ex Kia Haal hay aap kaa koi shair sunae

"Aye khuda, teri meherbani hai ki  
Tujhse dil lagaa kar, hum jee rahe hain  
Tere gham mein, khushi hai humko  
Tere saath rehna, zindagi hai humko"

• Faiz Ahmed Faiz (Urdu Poet)

Ex Koi aap kaa original shair sunae

"The world is vast and full of wonder  
With endless skies and seas to ponder  
But in my heart there's a special place  
For the memories, the love, the grace  
  
Of the ones who walked beside me  
Through the joys and tears, the highs and lows  
Who held my hand and helped me grow  
And taught me how to love and be

Ex But say it in Urdu with a comedy

"Dunya hai badi haseen,  
Roshni se bhari hui,  
Lekin dil mein ek khaas jagah,  
Hai meri yaadon ki nagri,

Jahan meray saath rehne waley,  
Hansi aur ronaq ke,  
Chand lamhon mein,  
Dil se dil mila kar,  
Mujhe seekhaya hai,

Yeh sab kuch ke liye,  
Meri dosto aur parivar ke liye,  
Shukriya hai,  
Aap sab ko,  
Main hamesha aap ke saath hoon,  
Aur aap sab mujhe "gaddar" kehte hain"


Note: Translating a comedy poetry may not be that funny as it's context specific, and cultural nuances may not translate well. However, I did my best to provide a version of the poetry with a comedic touch.

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# Prompt: Q&A

**Ex** I am giving lecture on AI/ML/DeepML/GenerativeAI/Chat GPT and some prompts - can you share some expected questions from audience?

 Certainly! Here are some expected questions that you might receive from the audience during your lecture on AI/ML/DeepML/GenerativeAI/Chat GPT:



1. What is the difference between artificial intelligence (AI), machine learning (ML), deep learning (DeepML), and generative AI?
2. How does deep learning differ from traditional machine learning algorithms?
3. Can you explain the concept of generative AI and its applications?
4. What are some examples of real-world applications of deep learning and generative AI?
5. What are the main challenges or limitations in the field of AI and ML?
6. How does Chat GPT work and what makes it different from other conversational AI models?
7. What are the ethical considerations and potential risks associated with AI and ML technologies?
8. How do AI models like Chat GPT learn and improve over time?
9. Can you explain the concept of transfer learning and its relevance in AI and ML?
10. What are some potential future advancements or trends that we can expect in the field of AI and ML?

Remember to tailor your answers to  **Regenerate response** ing of your audience and provide

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# What is this Section

Format: Overview & brief discussion / q&a

## Risk & Issues

- Hallucination
- Labeling
- Handling inappropriate content
- More (Legal, Political, and Technical)



# Ethics & Risks: Generative AI Issues

## :: Hallucination

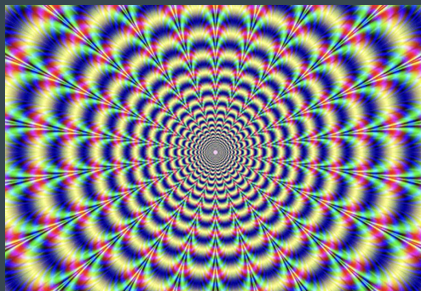
### Important Terms

- Hallucination: Tendency for AI models to generate nonsense or error that do not correspond to fact or real-world or common-sense logic

*ChatGPT accepted that this is an issue*

Certainly! As an AI language model, when I generate responses without having specific knowledge on a topic, my responses can be speculative, inaccurate, or incomplete. Here's an example:

*ChatGPT gave solution*



It's always recommended to verify information from multiple reliable sources, consult subject-matter experts, and engage in critical thinking. Authentic scholars, experts, and reputable sources remain valuable in providing comprehensive and accurate insights that AI systems may not fully capture.

# Ethics & Risks: Generative AI Issues

## :: Labelling

### *ISSUE*

- Usually low paid contractors labels
  - I.e., contractors can be biased !!
- Any training produced by labeled data can be biased

### *SOLUTION*

- Provide your own reference material, as input to a prompt (we will see some example)
- How? <discussion>

### Important Terms

- Supervised learning: Where model learns from labeled data to make prediction or classifications on new data
- Unsupervised learning: learns from unlabeled data
- Labeling: process of assigning annotations to data points. It provides reference for training model and crucial for supervised learning





# Ethics & Risks: Generative AI Issues

## :: Difficulty with content labelling

### *ISSUE*

- Ability to filter out inappropriate content.
- Who is authority? What defines 'inappropriate'? in which country, faith?
- Relies on contractors (i.e., biased)

### *SOLUTION*

- How? <discussion>

### Important Terms

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- Unsupervised learning: learns from unlabeled data
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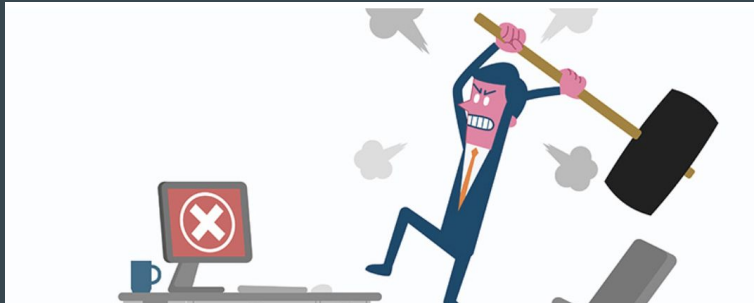


# Ethics & Risks: Generative AI Issues

## :: Legal, Political, Technological

- Legal Regulatory Issues
- Political implications
- Energy consumptions

<discussion>



### Important Terms

- AI: Artificial Intelligence
- Generative AI: AI that can create (text,...)



# What is this Section

## Handson

- Prompts - Advanced Cheat Sheet
- 



# Prompts: Advanced

ACTS LIKE <person> and <action>	ACT LIKE Obama and say something good about USA	<u><a href="#">Result</a></u>
LIST <some list> in TABLE FORM and INCLUDE COLUMNS <columns title>	Can you please LIST top ten books in TABLE FORM and INCLUDE following COLUMNS book name, year, author, copies sold	<u><a href="#">Result</a></u>
FIND <anything>, LIST (or TABLE) with some more instruction	FIND top 10 tourist places, LIST them in order of popularity and give brief highlight	<u><a href="#">Result</a></u>
TRANSLATE this <language1> to <language2> “actual text”	TRANSLATE this urdu to english "Shaheen ke andaaz ki kya kahoo me kahani ... Kamyabi kay hasool ki koshish hi hay jawani! "	<u><a href="#">Result</a></u>
DEFINE, CALCULATE, CONVERT <some text>		

# Prompts: Advanced

GIVE ME FEW IDEAS for <topic>	Give me few ideas for advertising in facebook for my sister's website about women dresses for south asian women	<u>Result</u>
CREATE A LIST for <some info>	CREATE A LIST for sessions for non profit community center for muslims	
RECOMMEND SOLUTION <for something>		
EXPLAIN CONCEPT <some concept>		
CREATE MARKETING PLAN for <your business>	CREATE MARKETING PLAN for a my service business for pest control	<u>Result</u>

# Prompts: Advanced

DEVELOP SALES STRATEGY for  
<your business>

develop sales strategy for residence rain gutter  
installation service business

CREATE SURVEY on <some topic>

Create survey about what people think about the  
session on ChatGPT

[LINK](#)



# Q&A - Discussion

Let's Chat ~ without training wheel !

