" - A Seminar on

World Computer Literacy Day, 2023

Theme : "Literacy for human-centered recovery: narrowing the digital divide".

Organised by

Dept of Computer Sc , Library & IQAC

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World Computer Literacy Day is celebrated on December 2 every year to encourage digital literacy across all cultures and communities worldwide.

Theme :"Literacy for human-centered recovery: narrowing the digital divide".

Here are some skills that students can learn and develop through computer literacy:

Essential Skill Sets on 21st Century

Basic computer skills: Students can learn basic computer skills such as typing, using a mouse, and navigating the internet.

Digital communication: Computer literacy can help students develop their digital communication skills, including email video conferencing, and social media.

Coding: Students can learn to code and develop their programming skills, which can be useful in a variety of fields.

Data analysis & Machine Learning: Computer literacy can help students learn to analyze and interpret data using tools such as spreadsheets and databases.

Cybersecurity: Students can learn about cybersecurity and how to protect themselves and their devices from online threats.

Basic Computer Skill

- Writing, modifying, and editing text using a word processing application.
- Microsoft word
- Creating and formatting simple spreadsheets.
- Excel / Google Sheet
- Creating basic presentations . Power Point / Slide
- Knowing how to forward and cc emails Gmail / other
- Understanding how to search, assess search results, and download information from the internet. Browsing

Other Computer Skills

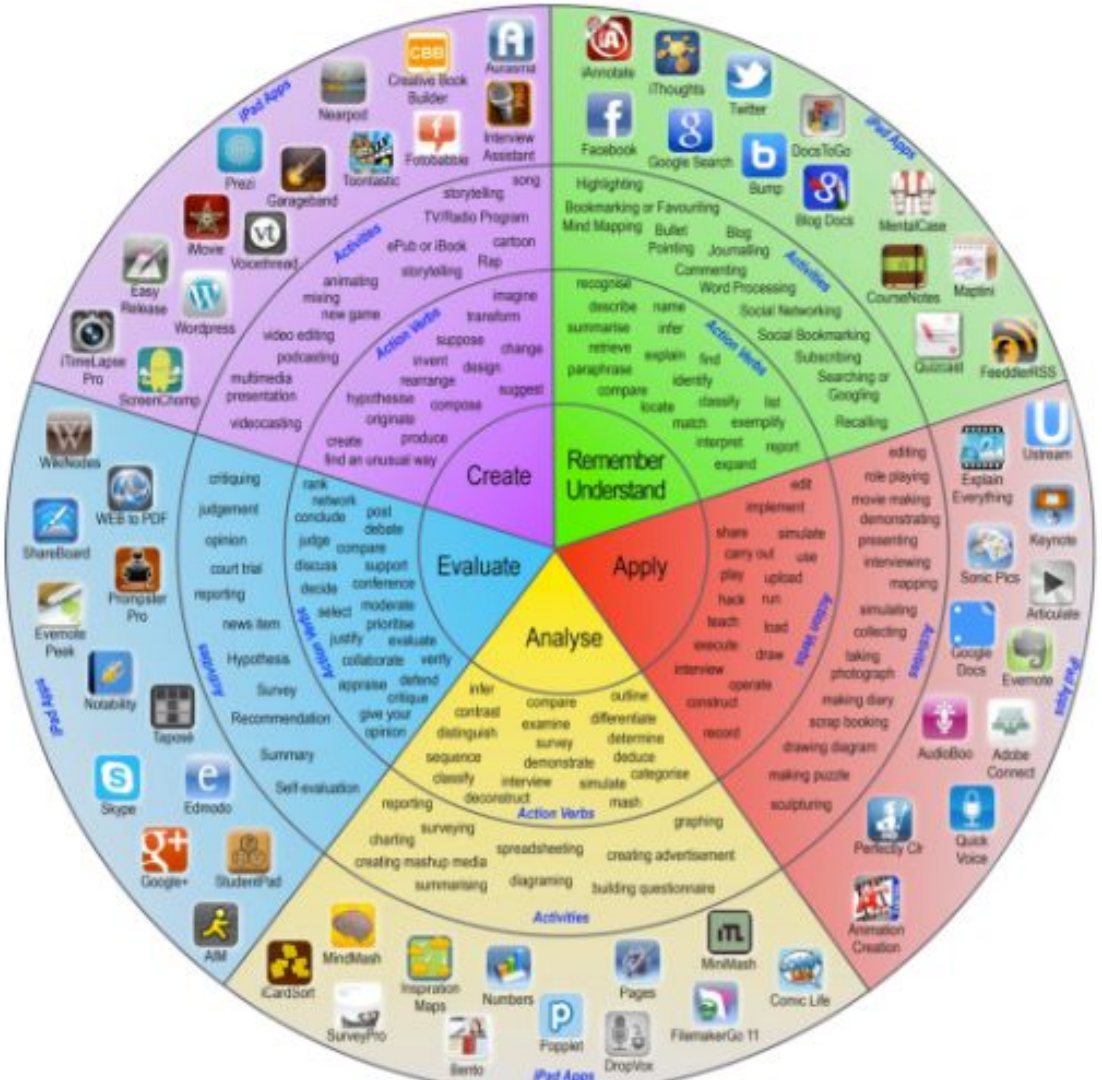
- Translation => Google Lans
- Converting => Pdf to Word, Word to Pdf , Image to pdf

- Resizing => photo , file , video.

- Resume writing . Canva

- Use of Cloud Drive, Keep, Classroom, Virual Meeting, Anydesk and Many more.
- Use of Bookmark, Play List, Video creation , Digital Marketing , Password Management, Flyer Making etc.

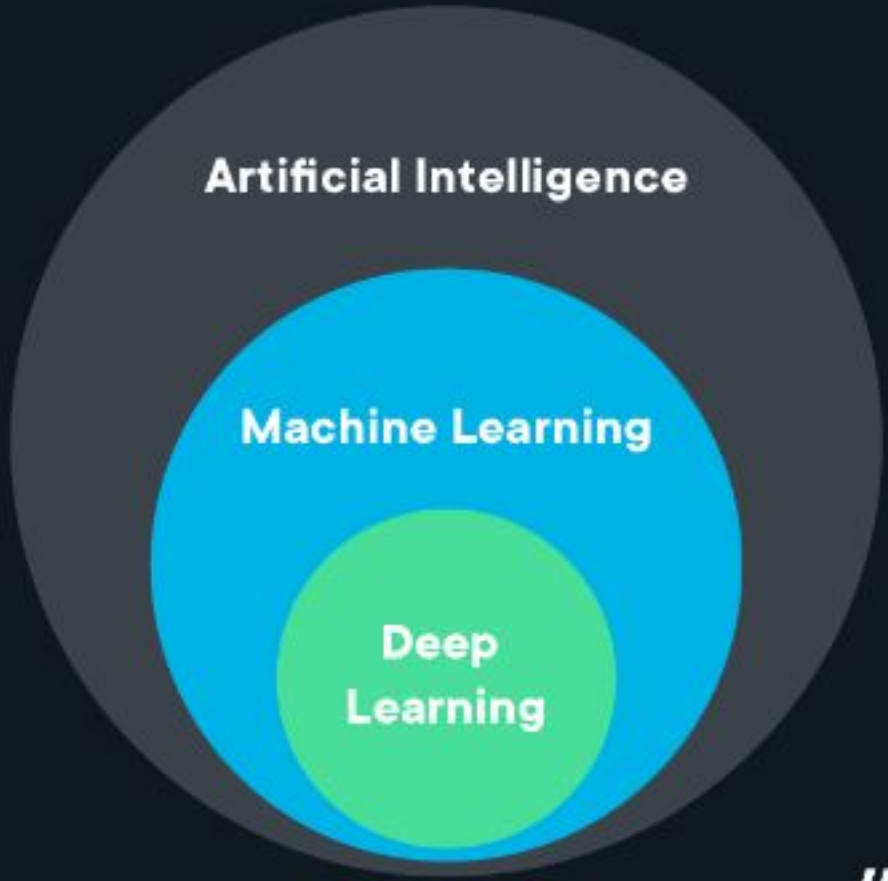
Digital Tools



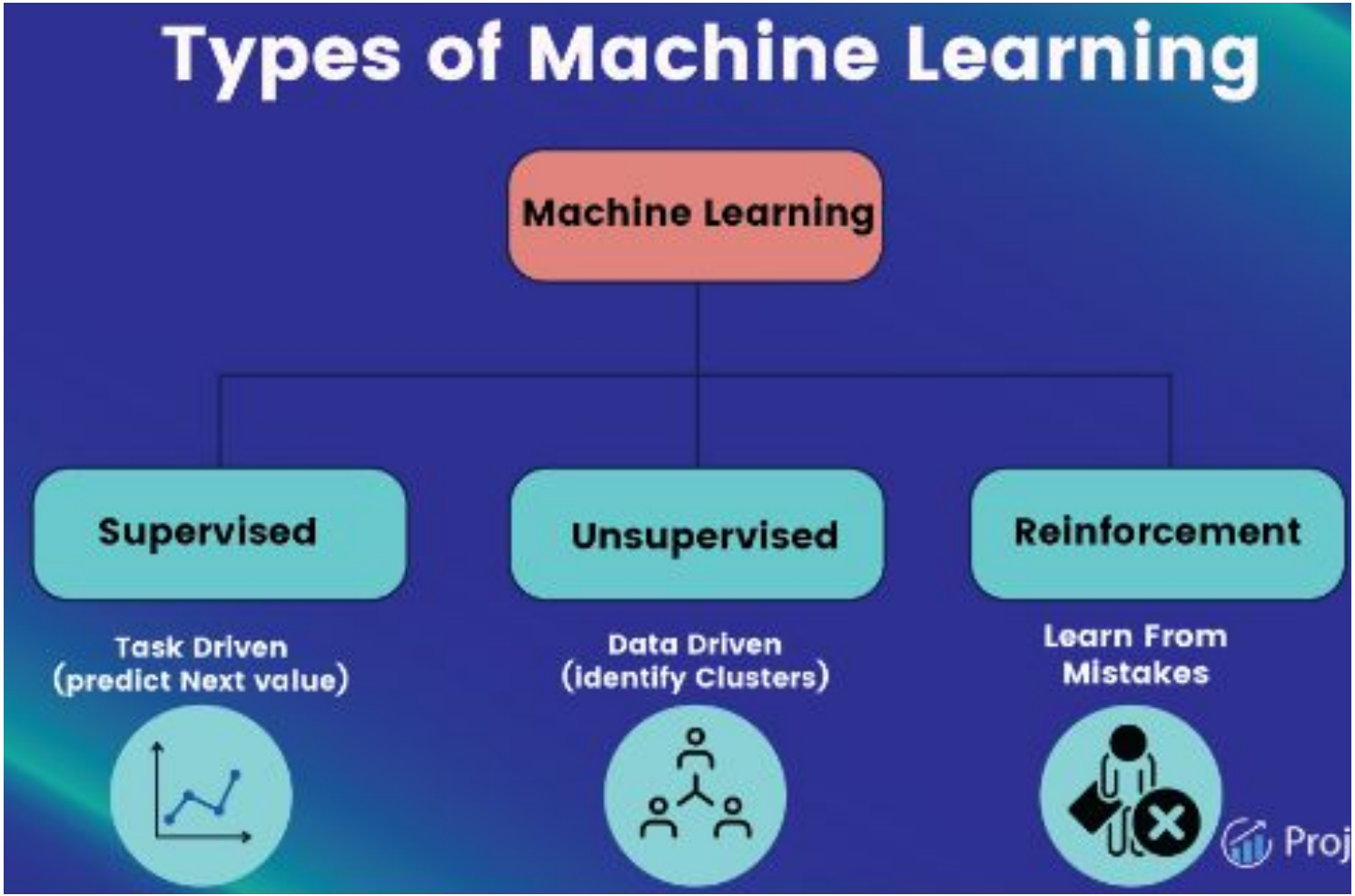
Artificial Intelligence
A science devoted to making machines think and act like humans.

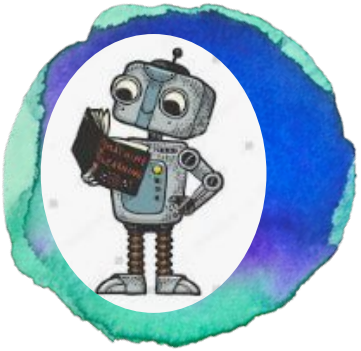
Machine Learning
Focuses on enabling computers to perform tasks without explicit programming.

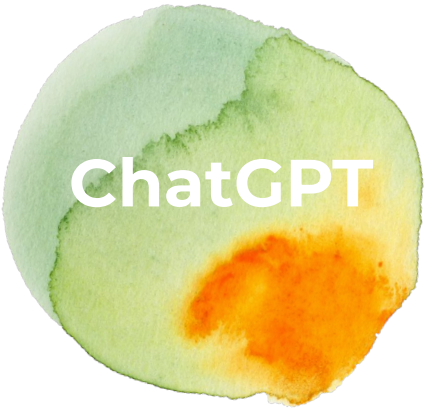
Deep Learning
A subset of machine learning based on artificial neural networks.



Types of Machine Learning







What is it?

- CHATGPT uses a neural network architecture called a transformer to process input text and generate output text.
- pre-trained on a large dataset , already learned
- patterns and structure of natural language.
- prompt-> CHATGPT> Output(Pre-trained knowledge to generate a response)

Ref: https://platform.openai.com/examples

- Write Code
- Write Music
- Translations
- Extract Data from Text
- Essays
- Maths Questions
- Unique Ideas and Examples
- Critical Thinking (with a Limitation)
- Jokes
- Can Act as a Linux terminal
- Debug Code

- **ChatGPT**
  - Generate text-based responses for various types of content such as cover letters, resumes, song lyrics, and party plans [1]
  - Analyze texts, play text-based role-playing games, and generate prompts for AI art .
  - Answer complex questions and provide cohesive explanations on various topics .
  - Summarize research papers, reports, webpages, and studies .
  - Write reports, theses, and dissertations .

Midjourney:

- ✔ Generate images from natural language descriptions.
- ✔ Analyze texts and generate prompts for AI art.
- ✔ Summarize research papers, reports, webpages, and studies .
- ✔ Write reports, theses, and dissertations.
- ✔ Provide a range of styles for generating images .
- ✔ Create text prompts from existing images using the “describe” function .
- ✔ Offer a comprehensive guide on leveraging Midjourney prompts to create stunning visuals effortlessly .
- ✔ Help users create anything they can imagine from just text.
- ✔ Allow users to submit prompts and create various visuals

Thank You

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