

Summary of all presentation

1. Artificial Intelligence

- OpenAI is a research related company which provides features like OpenAI Codex and startup fund with the aim to bring the AGI(Artificial General Intelligence) to solve complex real world problems easily.
- Distill is a website that provides articles, publications, and research papers to the general public to help them understand concepts of machine learning using modern tools and technologies.
- GoogleAI is a division of Google that completely works on GoogleAI products and AI research. It also provides open source tools such as TensorFlow, QuantumLib to the general public so they can also build effective products.

2. Edge Computing

- It is a service that is generally provided by the telecommunication companies to the IT companies or data centers for the better utilization of bandwidth as well as connection. It has evolved along with the internet and the resources.
- PaYa is edge solution software that ensures the minimal overhead and automatically decides the details of the deployment to ensure the service level agreement.
- For high performance cloud computing preferred over it whereas for data retrieval it is better than cloud computing.
- Fog Computing is a paradigm that extends cloud computing and service to the edge of the network.

3. Cloud Computing

- Resources like RAM, OS(Workstation), server, data storage, computing/processing power are provided to the user based on their requirements like hosting website, application or AI/ML service.
- Cloud computing has made the invoice easier, collaboration seamless, and helped to overcome security and data storage challenges.
- Hybrid cloud helps to run the same application seamlessly on premises and in a public cloud whereas multi cloud gives ability to use the most appropriate cloud whether on-premises or public, for each application.
- Before going on any cloud be sure about how safe their encryption method is, how much space you get, if it provides mobility, speed, organization, reporting etc.
- Hybrid cloud combines two different clouds whereas multi cloud uses combine service from two different clouds

4. Cyber Security

- With the expansion of internet threats of cyber attacks like cloud based threat, social engineering attack, malware, phishing, data breaching are also increased.
- Ransomware is a crypto malware that attempts to extort money from its victims by gaining control of its system. In data breach information is stolen from the system.
- Penetration testing like network, web application, automated penetration testing, social engineering test, red teaming, and many more are the set of authorized cyber attacks in order to discover and verify the vulnerabilities of a system.

5. Data Science

- The area domain for data storage is quite huge as it covers a wide heterogeneous types of data science topics in association with analytics, technology, tools, data visualization, code etc.
- Big data is the massive growth of data created around the world and tools which will help us to find related data and to analyze it. For enterprise big data consists of processing internal data to mine external data while for individual big data is from consuming data to creating data
- Dataconomy is the site that offers huge information news, tech drifts, IT research library, and many more. Here information is assembled, coordinated and readed by an organization of sellers to get esteem from the aggregated data.