



Official Android APP



# MIND STROM

QUALITY MIND MAPS ON  
IMPORTANT TOPICS FOR UPSC CSE.  
For more, Visit [www.pmias.in](http://www.pmias.in)

LEARN Any Where  
**ANY TIME**  
ENROLL NOW

PM IAS

PM IAS

PM IAS

## ARTIFICIAL INTELLIGENCE WITH CLOUD COMPUTING

WHY AI CLOUDING

CLOUD COMPUTING

### Introduction:

- The AI cloud, a concept only now starting to be implemented by enterprises, combines artificial intelligence (AI) with cloud computing.

### Two factors are driving it:

- AI tools and software delivering new, increased value to cloud computing.

### Back Ground:

- The age of artificial intelligence (AI) is already upon us, taking over many functions that were once relegated to humans.
- We make use of artificial intelligence almost every day when we talk with an automated phone system, ask for directions on our phones, or get real-time traffic alerts on our GPS.

## WAY FORWARD

- Organisations need to build an enterprise-grade AI platform strategy bringing together multiple technologies.
- They need to standardise the management of models, datasets, and data pipes at the enterprise level.
- Future exists in collaborating with enterprises to create domain specific scenarios and models for different industries such as telecom, manufacturing, healthcare, finance, and insurance.

### What is AI cloud computing?

- AI cloud computing is the merging of the machine learning capabilities of artificial intelligence with cloud-based computing environments.
- Digital assistants such as Siri, Amazon Alexa, and Google Home combine artificial intelligence technology and cloud-based computing resources to enable users to make purchases or hear a favourite song instantly.

### What does an AI Cloud consists of ?

- An AI cloud supports numerous projects and AI workloads simultaneously, on cloud infrastructure at any given point in time.
- The AI cloud brings together AI hardware and software to deliver AI software-as-a-service on hybrid cloud infrastructure.
- This provides enterprises access to AI and enables them to harness AI capabilities.
- A significant amount of processing power is required to run AI algorithms, making it unaffordable for many enterprises, but this deterrent is being eliminated by the availability of AI software as a service, on the lines of software as a service or infrastructure as a service.

PM IAS

PM IAS

