



## INDIA AND AI MISSION - GS III MAINS

**Q.** Enumerate the key features of the India AI Mission and bring out its significance in the Indian context. (10 marks, 150 words)

**News:** *Union Cabinet approves Rs 10,372-crore India AI mission*

### What's in the news?

- The Union Cabinet has approved the comprehensive national-level India AI mission with a budget outlay of Rs.10,371.92 crore for the period of 5 years, marking a significant step towards bolstering India's AI ecosystem.

### Key Highlights of the India AI Mission:

#### Aim:

- To ensure a structured implementation of the India AI mission through a public-private partnership model aimed at nurturing India's AI innovation ecosystem.

#### Implementing Agency:

- The India AI Mission will be implemented by 'IndiaAI' Independent Business Division (IBD) under Digital India Corporation (DIC).

**Nodal Ministry** - Ministry of Electronics and Information Technology

### Components of the India AI Mission

#### 1. IndiaAI Compute Capacity:

- India AI Mission aims to develop AI compute infrastructure of 10,000 or more Graphics Processing Units (GPUs) through public-private partnerships.
- Further, an AI marketplace will be designed to offer AI as a service and pre-trained models to AI innovators.

#### 2. IndiaAI Innovation Centre:

- It will undertake the development and deployment of indigenous Large Multimodal Models and domain-specific foundational models in critical sectors.

#### 3. IndiaAI Datasets Platform:

- It will provide a one-stop solution for seamless access to non-personal datasets to Indian Startups and Researchers.



#### 4. IndiaAI Application Development Initiative:

- It will promote the AI applications in critical sectors for the problem sourced from Central Ministries, State Departments, and other institutions, and then focus on developing/scaling/promoting the adoption of impactful AI solutions for large-scale socio-economic transformation.

#### 5. IndiaAI Future Skills:

- IndiaAI Future Skills will mitigate barriers to entry into AI programs and will increase AI courses in undergraduate, masters-level, and Ph.D. programs.
- Further, Data and AI Labs will be set up in Tier 2 and Tier 3 cities across India to impart foundational level courses.

#### 6. IndiaAI Startup Financing:

- It will streamline access to funding for deep-tech AI startups to enable futuristic AI Projects.

#### 7. Safe & Trusted AI:

- It will enable the implementation of Responsible AI projects including the development of indigenous tools and frameworks, self-assessment checklists for innovators, and other guidelines and governance frameworks.

### Significance of India AI Mission:

#### 1. Propelling Innovation:

- The India AI Mission will propel innovation and build domestic capacities to ensure the tech sovereignty of India.

#### 2. Creation of Employment Opportunities:

- It will also create highly skilled employment opportunities to harness the demographic dividend of the country.

#### 3. Enhance Global Competitiveness of India:

- India AI mission will help India demonstrate to the world how AI technology can be used for social good and enhance its global competitiveness.