

Artificial Intelligence (AI)

Day-1 → What is AI? (Beginner level)

- Goal of Day 1
- AI Kya Hai?
- AI Kaise Kam Karta Hai?
- Types of AI
- Real-world Examples
- Aap AI ko apne study, Business aur Kaam me kaise use kar sakte hain?

1. AI Kya Hai?

AI = Machine ko human ke taray sochna
Observe learning, learn kرنوں, sikhaing
→ Human experience se seekhta hai.
→ AI data se learn karta hai.

Simple Example -

- Apne 100 dogs aur 100 cats ki photos de di-
- AI pattern dekh kar learn kar lega
- puri jaisa gap new photo doge -
Woh batte dega ki "ye dog hai
ya cat"

2. AI kaise kaam karta hai?

- AI ka base formula:

Data → Pattern → Learning → Output

Example:

- Netflix aapko movies recommend karta hai
- Amazon aapko product suggest karta hai
- Instagram aapko favourite reels di karte
- ↳ Sab AI ke pattern hote hain -

3. Types of AI (very important)

1. ANI — ARTIFICIAL NARROW INTELLIGENCE

↳ specific kaam karta hai

Example - Google Translate, Siri, Alexa

2. AGI → ARTIFICIAL GENERAL INTELLIGENCE.

↳ Human ki tarah socne wali AI

↳ future → me hogi

3.ASI → ARTIFICIAL SUPER INTELLIGENCE

↳ Human se bhi jyada smart AI

↳ far future

4. Real-life usage of AI

◦ Doctors X-Ray analyse karne ke liye

◦ Business sales products karne ke liye

◦ Bank fraud detect karne ke liye

◦ Student homework solve karne ke liye

◦ Developers code generate karne ke liye

◦ Creators videos, blogs, editing ke liye

5. Aap AI ko kaise use kar sakte ho?

(AS per your developer profile)

→ APP & website Development

◦ Auto UI generator

◦ Code debugging

◦ API Generation

◦ Database design

◦ full project structure

→ Business

- Auto CRM
- Auto customer reply
- Auto ad creation
- Sales prediction

→ Learning

- Kisi bhi subject fast learn
- Notes make
- Make quiz
- Mind-map

DAY-1 ASSIGNMENT (super easy practical)

Task 1: "Explain Artificial Intelligence to a 5-year-old kid"

Ans - Artificial Intelligence ko 5-year ke bacche ko samjhane kgi sasse simple tareekhe.

→ AI kya hota hai?

Beta / Bachechou : Jaise familiar pass ek smart toy Robot hota hai na.

Jo familiar bat hota hai na.
Game khelta hai, kabhi-kabhi
Sone aur (awaj) bhi defalce.

Waise-hi AI ek super-smart dimag

simple example :

hotा है।

1. Tum bolta ho "Hello"

Robot banta hai : "Hello"

- yeh AI usko samjhata hai ki kyong
bolta hai.

2. Tum cat ki photo di khata ho ROSOFT bolta
hai "yeh cat nai"
- AI ne usko sikhaa thy nota hai
ki cat kaise nota hai (di khata)
3. Tum usse puzzle khethe ho.
Robot sikhaa raha hai ki next puzzle
karte solve karne
→ AI Har bar thoda-thoda smart nota hai
AI ek magic brain jaise hai
o jo sun sakte hai
o samajh sakte hai
o seeking sakte hai
o AUR jawab de sakte hai
- Bilkul tamnare tarus, par yeh computer
ice ander nota hai.

short and cute definition

"AI ek computer ka dinag nota hai
seekhi kar smart kaam karke hai -
bilkul ek chota sa Genius ROSOFT
friend"

Task 2: "List 20 real-life AI use -
case in India"

Ans:- IN 20 real-life AI use cases in India

7. VPI fraud Detection - Bank apps AI se fake
transaksi pakad leti hai,

2. face Recognition in Airports — Digiyantra
AI se bing ticket check gate
open hota hai.

3. Aadhaar verification — AI waay finger-
print. itis match karta hai.

4. Google Maps-Traffic — AI live traffic
baq kar faster route dete hai

5. Zomato food Recommendation — AI tumhare
tarke ke hisab se disha
suggestion karta hai.

6. flipkart/amazon product suggestion — Tum
kya pasand karte ho. AI
samash kar product dikھta
hai.

7. JIO voice Assistant — "Hello JIO" AI se kaam
karta hai.

8. chatbots/Banking in Railways — IRCTC, SBI,
HDFC. me AI chatbots help
karta hai.

9. youtube video Recommendation — Tum kya
dekhte ho uski hisab se video
mitti hai.

10. AI Traffic CAMERAS — Helmet na denne ya
signed to the per fine aetonmet
cally generate noti hai.

11. Weather Forecasting - IMP AI se accurate rain aur storm prediction detg hai.
12. Agriculture Crop Monitoring - AI drone se khet ki health check kartg hai.
13. Medical Diagnostics - AI X-Ray heart cancer jaise diseases pachan detg hai.
14. Language Translation - Google translate AI se hindi - english translate matra hai.
15. EduTech APPS (Byciss, unacademy) - AI turner level ke nisab se question detg hai.
16. Ola/Uber estimated Times Price - AI ride ka time route time calculate kartg hai.
17. spam call filtering - Truecaller AI spam number block kartg hai.
18. Smart CCTV in cities - AI criminals ko detect karne me help kartg hai.

19. Stock market Prediction - AI trading app
Market ka trend predict karta
haj.

20. Voice assistants - (Alexa, Google Assistant)
Tumhare baare samajh len
answer de di jao.

Task 3: Generate a simple Python program
that uses basic AI logic

→ Python -

```
print("AI Bot: Hi! main ek simple AI  
hoon. Tum kya pyunnha  
chalne ho")  
while True:  
    user_input = input("You: ").lower()  
    if user_input in ["bye", "exit", "quit"]:  
        print("AI Bot: Bye! Achha lage baat  
kar ke")  
        break  
    elif "hello" in user_input or "hi" in user_input:  
        print("AI Bot: Hello tum kaise ho")  
    elif "name" in user_input:  
        print("AI Bot: Mera name smart AI  
chabbox haj")  
    elif "weather" in user_input:  
        print("AI Bot: Mushe leta haj aaj  
thoda mausam must hogay")
```