AI IGNITE WEEK

Technical Track

TASK 5: STUDY NOTES SUMMARIZER

Problem Statement:

Students often copy-paste large lecture notes. Your task is to build a tool that creates short summaries of study notes so revision becomes easier.

What You'll Build:

A notes summarizer that:

- Takes a long text file (lecture notes).
- Extracts 3–4 key points.
- Creates both a *1-line quick summary* and a *3-line detailed summary*.

Simple Approach:

pip install nltk

Steps:

1. Paste lecture notes (e.g., "Introduction to AI").
2. Split text into sentences.
3. Score sentences by keyword frequency.
4. Pick top 3 sentences as the summary.
5. Show both quick and detailed versions.

Sample Output

Quick Summary: "AI helps machines learn from data."

Detailed Summary:

- AI allows computers to perform tasks without explicit rules.

- Machine learning is a major branch of AI.

- Applications include healthcare, business, and education.

Time Required: 2–3 hours
Difficulty: Beginner–Intermediate