AI IGNITE WEEK
Technical Track

TASK 7: AI STUDY BUDDY – QUESTION GENERATOR

Problem Statement:

Students often struggle to revise notes. Build a simple AI tool that turns lecture notes into quiz questions for self-study.

What You'll Build:

A study buddy that:

- Reads a text file of lecture notes.
- Extracts keywords and important sentences.
- Generates 5 multiple-choice questions.

Simple Approach:

pip install nltk

Steps

1. Paste lecture notes.
2. Extract keywords (e.g., "AI, Machine Learning, Data").
3. Form simple MCQs like:

   "AI is short for: (a) Artificial Ice, (b) Artificial Intelligence, (c) Auto Internet, (d) None."
4. Print 5 random questions.

Sample Output

Q1: Machine Learning is a branch of _____

(a) Biology (b) AI (c) Math (d) Physics

Answer: (b) AI

Time Required: 2–3 hours

Difficulty: Beginner