

AI Smart Study Assistant

Project Overview

The **AI Smart Study Assistant** is a beginner-friendly Python project that helps students create a personalized daily study plan. The system uses simple rule-based artificial intelligence to adapt the study schedule based on the subject, available study hours, and the student's performance level.

This project is designed for beginners and can be executed easily using **Python IDLE** without any external libraries.

Objectives

- To help students plan their daily study schedule efficiently
 - To demonstrate the use of rule-based AI logic
 - To build a simple yet practical AI application using Python
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How the AI Works

The assistant takes user input such as: - Subject name - Number of study hours available - Whether the student is weak or strong in the subject

Based on these inputs, the system: - Generates a suitable study plan - Adapts suggestions according to the student's performance level - Provides motivational advice to encourage consistency

Technologies Used

- Programming Language: **Python**
 - Environment: **Python IDLE**
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How to Run the Project

1. Install Python on your system
 2. Open **Python IDLE**
 3. Open the file `smart_study_assistant.py`
 4. Click on **Run → Run Module** or press **F5**
 5. Enter the required inputs when prompted
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Project Structure

```
AI-Smart-Study-Assistant
|
└ smart_study_assistant.py
```

Future Enhancements

- Adding file storage for saving study plans
- Supporting multiple subjects
- Adding a graphical user interface (GUI)

Academic Relevance

This project demonstrates the basic concept of Artificial Intelligence through decision-making and adaptive logic. It is suitable for academic submissions and viva examinations.

Author

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 *Consistency and smart planning lead to success.*