Name: Yelamarthi Mahima

Task: Automated Report Generation Internship: CODTECH PYTHON INTERNSHIP

Objective:

To develop a Python script that reads data from a file, performs basic analysis, and generates a well-formatted PDF report using libraries such as **FPDF** or **ReportLab**

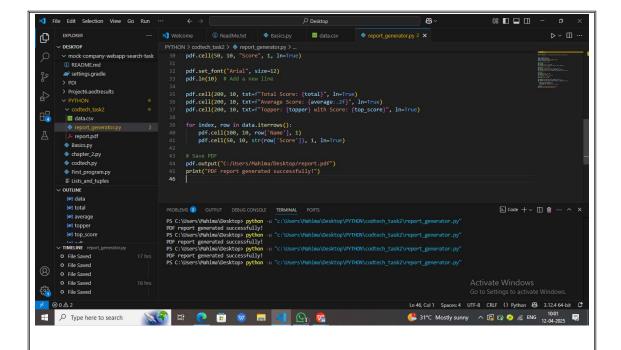
Tools & Libraries Used:

- **Python** Core language for scripting
- Pandas For reading and analyzing data
- FPDF For generating PDF reports
- Matplotlib For optional charts/plots in the report

Input CSV File: data.csv

- Name, Score
- Mahima,85
- Swaran,72
- Bittu,90
- Jayansh,68
- Usha,95

Python Script:



Output File: report.pdf

- Location: C:/Users/Mahima/Desktop/report.pdf
- The PDF includes:
- A title
- Summary: Total Score, Average, Topper
- A table of student names and scores

Deliverables:

- data.csv Input file
- report.pdf Output file
- task2_script.py Python script

Conclusion:

Successfully implemented automated PDF report generation using Python. Gained practical experience in file handling, data analysis using pandas, and PDF creation using the FPDF library. This task enhanced my understanding of presenting data-driven insights in a clean, professional format.

Thanks to CODTECH for the opportunity.