Internship Task 2 - Automated Report Generation

Goal: Implement a script that reads data, analyzes it, and generates a formatted PDF report.

What I produced:
- sample_data.csv (100 rows, date, category, value)
- report_output.pdf : the generated sample report with tables and a time-series chart
- generate_report.py : example script that reproduces the report
- code_pdf.pdf : the Python script saved as a PDF for submission

How it works: The script loads CSV, computes summary statistics, aggregates by category,
creates a chart using matplotlib, and uses reportlab to assemble a PDF with text, tables, and the chart.

Files are included for upload to GitHub. To reproduce locally:
1) pip install pandas matplotlib reportlab
2) python generate_report.py