Task-2 AUTOMATED REPORT GENERATION

task-2

```
from google.colab import drive
drive.mount('/content/drive')
```

```
Mounted at /content/drive
```

```
import pandas as pd

# Replace with the path to your uploaded file
file_path = '/content/data.csv'
df = pd.read_csv(file_path)

# Display the first few rows of the dataframe
df.head()
```

	Name	Age	Department	Salary
0	Alice	30	Engineering	75000
1	Bob	25	Marketing	55000
2	Charlie	35	HR	60000
3	David	28	Engineering	72000
4	Eve	22	Marketing	50000

Next steps: Generate code with df | View recommended plots | New interactive sheet

```
from fpdf import FPDF

# Initialize PDF
pdf = FPDF()
pdf.set_auto_page_break(auto=True, margin=15)
pdf.add_page()

# Title
pdf.set_font('Arial', 'B', 16)
pdf.cell(200, 10, 'Employee Salary Report', ln=True, align='C')
pdf.ln(10)

# Table Header
pdf.set_font('Arial', 'B', 12)
pdf.cell(40, 10, 'Name', border=1, align='C')
pdf.cell(40, 10, 'Age', border=1, align='C')
pdf.cell(60, 10, 'Department', border=1, align='C')
pdf.cell(40, 10, 'Salary', border=1, align='C')
pdf.ln()

# Table Data
pdf.set_font('Arial', '', 12)
for index, row in df.iterrows():
    pdf.cell(40, 10, row['Name'], border=1, align='C')
    pdf.cell(40, 10, str(row['Age']), border=1, align='C')
    pdf.cell(60, 10, row['Department'], border=1, align='C')
    pdf.cell(40, 10, f"${row['Salary']:,.2f}", border=1, align='C')
    pdf.ln()

# Save PDF
pdf_output_path = '/content/employee_salary_report.pdf'
pdf.output(pdf_output_path)
print(f"Report generated successfully at {pdf_output_path}")
```

```
Report generated successfully at /content/employee_salary_report.pdf
```

```
from google.colab import files

files.download(pdf_output_path)
```