

Task 5 : Data Analysis on CSV Files

- **Objective:** Analyze sales data using Pandas.
- **Tools :**Python, Pandas, Jupyter Notebook / Colab
- **Deliverables:** Notebook + charts

Hints/Mini Guide:

1. Load CSV using Pandas
2. Use groupby(), sum(), plot()

- **Outcome:** : Basic data insights using Python

Interview Questions:

1. What is Pandas used for?
2. What's a DataFrame?
3. How do you read a CSV file?
4. What is groupby()?
5. How do you filter rows?
6. Difference between loc[] and iloc[]?
7. What does .head() do?
8. How can you create a bar chart?
9. What's the shape of a DataFrame?
10. What is NaN?

Key Concepts: Pandas, DataFrame, Visualization

Submit Here:

After completing the task, paste your GitHub repo link and submit it using the link below:

-  [[Submission Link](#)]

📌 Task Submission Guidelines

- 🕒 **Time Window:**

You can complete the task anytime between 10:00 AM to 10:00 PM on the given day. Submission link closes at 10 :00 PM

- 🔍 **Self-Research Allowed:**

You are free to explore, Google, or refer to tutorials to understand concepts and complete the task effectively.

- 🔧 **Debug Yourself:**

Try to resolve all errors by yourself. This helps you learn problem-solving and ensures you don't face the same issues in future tasks.

- 💰 **No Paid Tools:**

If the task involves any paid software/tools, do not purchase anything. Just learn the process or find free alternatives.

- 📁 **GitHub Submission:**

Create a new GitHub repository for each task.

Add everything you used for the task — code, datasets, screenshots (if any), and a **short README.md** explaining what you did.

- 📁 **Submit Here:**

After completing the task, paste your GitHub repo link and submit it using the link below:

- 👉 [[Submission Link](#)].

Best
of
Luck

