**Day 6 — 26 June 2025 (Thursday)**

**Topic: Pandas — DataFrames, CSV Loading & Cleaning**

We learned about Pandas library and its DataFrame structure used for storing and analyzing structured datasets. The trainer demonstrated how to import CSV files, check dataset shape, handle missing values, drop duplicates, and filter data using conditions. We also explored head(), tail(), describe(), and value\_counts() functions. Pandas will help load and clean email datasets before training our spam classifier.

import pandas as pd

df = pd.read\_csv("emails.csv")

print(df.info())

df.drop\_duplicates(inplace=True)