**Installation Pandas**

The most common way to install Pandas is via pip, the default Python package manager:

*pip install pandas*

**Usage Pandas**

**Reading Data from a CSV File**

* One of Pandas’ key features is the ability to read data from various file formats (CSV, Excel, SQL, JSON, etc.).
* To read a CSV file, use the pd.read\_csv() function:

import pandas as pd

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

print(df.head()) # View the first 5 rows

df is a DataFrame. You can check its dimensions using df.shape, view its column names with df.columns, or get basic statistics using df.describe().

**Sorting Data**

Pandas supports sorting by one or more columns using the sort\_values() method.

# Sort df by "Age" in ascending order

df\_sorted = df.sort\_values(by="Age")

print(df\_sorted.head())

# Sort by "Age" in descending order

df\_sorted\_desc = df.sort\_values(by="Age", ascending=False)

print(df\_sorted\_desc.head())

# Sort by multiple columns

df\_multi\_sorted = df.sort\_values(by=["City", "Age"], ascending=[True, False])

print(df\_multi\_sorted.head())