



# INTRODUCTION TO PANDAS

Python Library for Data Analysis

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# What is Pandas?

- Open-source Python library for data manipulation & analysis
- Built on top of NumPy
- Name comes from “Panel Data” (econometrics term)
- Provides fast, flexible, and powerful data structures



# Why Use Pandas?

- Makes data analysis simple and efficient
- Easy handling of missing data
- Group, merge, join datasets easily
- Works seamlessly with NumPy, Matplotlib, Scikit-learn
- Saves time in cleaning and preparing data



***Thank you***

