

# INTRODUCTION TO PANDAS

Python Library for Data Analysis

2030





# 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*