

Name - Gaurav A. Palwe.

PRN: 202401120060 Rollno - CS8-64

Batch - CS84.

EDS

Significance of Pandas

- a) Working
- b) Data manipulation
- c) Data exploration & analysis
- d) Handling missing data
- e) Data integration
- f) time Series analysis
- g) Data preparation for ML
- h) Data loading → csv/JSON file.

Ex. Code / Sample Code.

- i) Data Storage → csv/JSON/Excel file example

Application of Pandas

- 1) Data cleaning
Handling missing data.
- 2) Data Transformation: Merging, Joining
- 3) Data Analysis: Descriptive statistics
group-by operations.
- 4) Time Series Analysis
- 5) Data Visualization:
- 6) Data Import
- 7) Exploratory Data Analysis
- 8) Integration with Machine Learning