



Knowledge Check

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1

What is the primary purpose of data wrangling in the data preparation pipeline?

- A. To analyze the data
- B. To clean, structure, and transform data for analysis
- C. To visualize data
- D. To store data in databases



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What is the primary purpose of data wrangling in the data preparation pipeline?

- A. To analyze the data
- B. To clean, structure, and transform data for analysis
- C. To visualize data
- D. To store data in databases



The correct answer is **B**

Data wrangling is the process of cleaning, structuring, and transforming raw data to make it suitable for analysis.

Knowledge Check

2

Which method is used to load data into a Pandas DataFrame from a CSV file?

- A. `pd.load_csv()`
- B. `pd.read_csv()`
- C. `pd.open_csv()`
- D. `pd.import_csv()`



Knowledge Check

2

Which method is used to load data into a Pandas DataFrame from a CSV file?

- A. `pd.load_csv()`
- B. `pd.read_csv()`
- C. `pd.open_csv()`
- D. `pd.import_csv()`

The correct answer is **B**

The `pd.read_csv()` function in Pandas is used to load data from a CSV file into a DataFrame.



**Knowledge
Check**

3

Which method is typically used to combine two DataFrames based on a common column?

- A. `pd.combine()`
- B. `pd.merge()`
- C. `pd.join()`
- D. `pd.concat()`



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3

Which method is typically used to combine two DataFrames based on a common column?

- A. `pd.combine()`
- B. `pd.merge()`
- C. `pd.join()`
- D. `pd.concat()`

The correct answer is **B**

The `pd.merge()` function in Pandas is commonly used for merging two DataFrames based on a common column.

