

# Pandas Practice Questions

This notebook contains **20 comprehensive Python pandas practice problems** org,

## Section A - Short Coding Questions (Questions 1-17):

- Questions 1-12: Basic pandas operations (loading, selection, filtering, handling r
- Questions 13-17: Short coding questions on duplicates, missing values, column

## Section B - Applied Coding Questions (Questions 18-20):

- Question 18: GroupBy with multiple aggregations
- Question 19: Advanced filtering and column creation
- Question 20: Handling missing values and outliers

Each question includes:

- Clear problem description
- Hints for solving
- Multiple-choice code options (where applicable)
- Instructor solution with inline examples
- Test cases using small DataFrames

```
[2]: import pandas as pd
import numpy as np
from io import StringIO
```

```
•[3]: name = 'chetanye'
roll_number = '2423365'
```

## 1. Load a CSV string into a DataFrame

**Return:** A pandas DataFrame from the CSV string

**Choose the correct line:**

- (a) return pd.read\_excel(StringIO(csv\_string))
- (b) return pd.read\_csv(StringIO(csv\_string))
- (c) return pd.DataFrame(csv\_string.split('\n'))