Classroom Assignment <2>: Pandas Series – Test Execution Times



**Learning Objective:**

Learn how to create a Pandas Series, perform simple analysis, and use loc and iloc.

**Expected Completion Time:**

Best Case: 10 minutes Average Case: 15 minutes

# Assignment Details:

Create a Python script named **pandas\_series\_times.py** that:

1. Creates a Pandas Series representing test execution times:
2. [12, 15, 20, 18, 25, 30, 22]

with labels: ['TC1','TC2','TC3','TC4','TC5','TC6','TC7']

1. Prints the Series.
2. Displays the first 3 test times.
3. Finds the mean execution time.
4. Uses **iloc** to print the 2nd test time.
5. Uses **loc** to print execution time of TC3

**Hints to Solve:**

 Use pd.Series([...], index=[...]).

 Use .head(3), .mean().

 Use .iloc[n] (index-based), .loc['label'] (label-based).

# Expected Outcome:



 Understand how to create and manipulate a Pandas Series.

 Perform simple analysis with Series.

 Use both label and index-based access.