

Predict Test Scores of students

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Dataset

- <https://www.kaggle.com/kwadwoofosu/predict-test-scores-of-students>

- [kaggle.com](https://www.kaggle.com)

- **Has a total of 23463 rows and 11 columns**

Linear Regression model

Model using the two quantitative variables pre test and number of students in class to predict post tests.

Results:

Mean absolute error = 3.389 Mean squared error = 17.995 $R^2 = 0.909$

Linear Regression model

Model using the **following variables:**

- 1.Pre test
- 2.number of students in classroom
- 3.School Setting
- 4.School Type
- 5.Teaching Method
- 6.Lunch

Results:

Mean absolute error = 2.662

Mean squared error = 11.123

$R^2 = 0.944$