

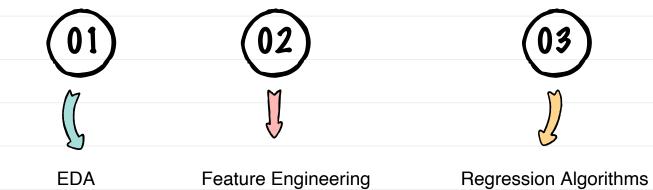


- https://www.kaggle.com/kwadwoofosu/predict-test-scores-ofstudents
- kaggle.com
- Has a total of 23463 rows and 11 columns









								- 1.0
school_setting	1	-0.083	-0.083	0.026	0.51	-0.12	-0.14	- 0.8
school_type	-0.083	1	-0.15	0.17	0.55	-0.36	-0.37	- 0.6
teaching_method	-0.083	-0.15	1	-0.018	-0.11	0.12	0.31	- 0.4
lunch	0.026	0.17	-0.018	1	0.37	-0.62	-0.6	- 0.2
n_student	0.51	0.55	-0.11	0.37	1	-0.5	-0.5	- 0.0
pretest	-0.12	-0.36	0.12	-0.62	-0.5	1	0.95	0.:
posttest	-0.14	-0.37	0.31	-0.6	-0.5	0.95	1	0.4 0.6
	school_setting	school_type	teaching_method	lunch	n_student	pretest	posttest	

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 R2 = 0.909



Linear Regression model

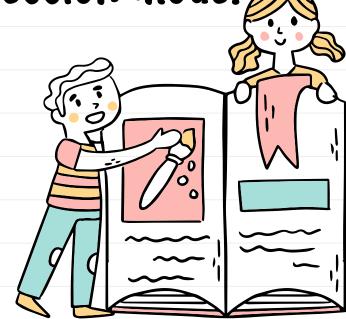
Model using the **following variables**:

- 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

R2 = 0.944



Thank you!

