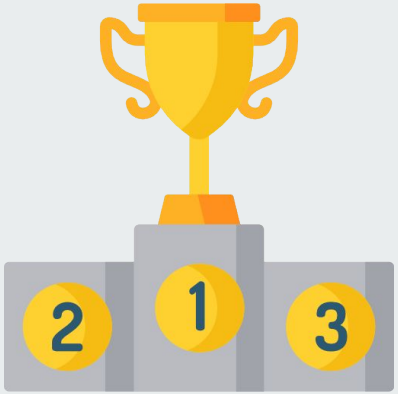
Welcome to DataFiends Battle Royale



Objective

You have **1 hour and 30 min** to create a model with the **Boston Data set**, only use **Linear Regression.**

Rules

1. 🤗 You can use any code you possess.
2. 📹 You must record your screen throughout all of the competition
3. 😭 You can not use the internet to search for the solution
4. 🏙️ You can not look up the Boston data set
5. 😡 When the competition starts your team is allowed 2 yes or no questions to the host (Unless it's a technical issue)
6. 💻 At the end of the competition you must push a .py or .ipynb to the GitHub Repo including two things: A descriptive analysis of the dataset and a linear regression model. You must also send your screen recordings

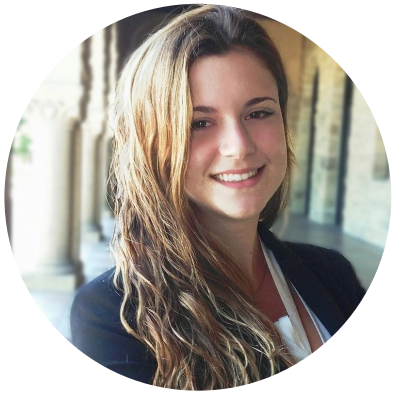
Last Rule

🥳 And the most fun rule for my introvert friends you have to talk every 3 min and keep the conversation going. if you don't and the host notices your final model score would be decrease by 0.01 that can be the difference between winning and losing

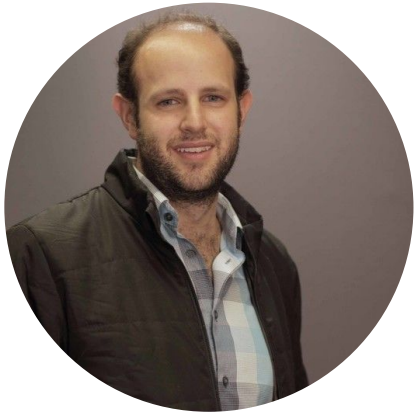
Who is going to be the winner?

1. The best quality in your descriptive analysis findings with the linear regression
2. The use of Linear Regression
3. The R2 of your model's predictions on the testing data set

First Team

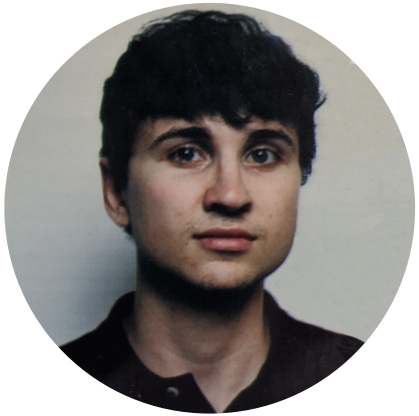


Georgina Canela - Catalonia



Santiago Abisambra - Colombia

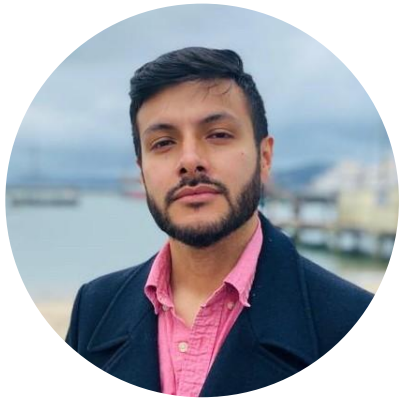
Second Team



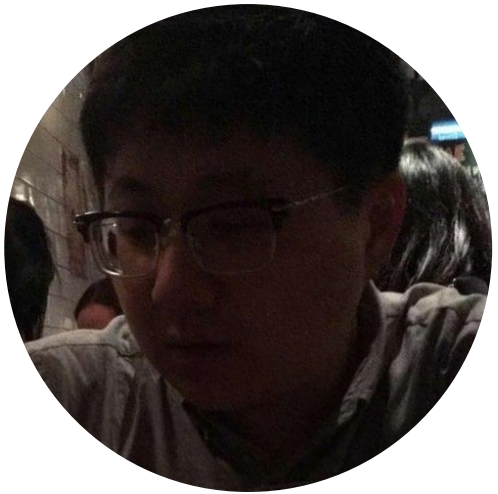
Michael Abramson - USA

Edmund Anisjamsu - Indonesia

Fourth Team



Luis E. Ariza - Colombia



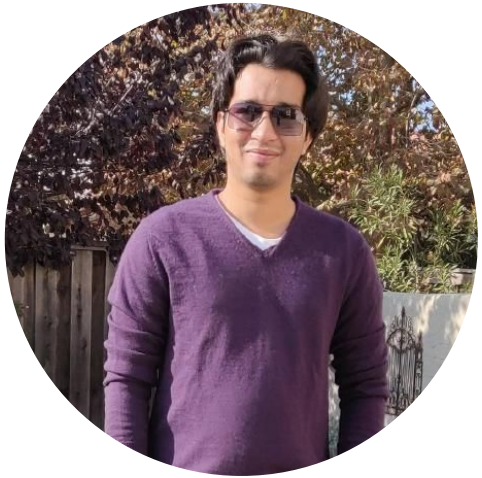
Je Liu - China

Fifth Team

Arnaldo Vera - Catalonia

Ryder Nguyen - Vietnam

Sixth Team



Nishval Patel - India

Junjie Huang - China

Data Set Characteristics

Number of Instances: 506

Number of Attributes: 13 numeric/categorical predictive.

Attribute Information (in order)

CRIM per capita crime rate by town

ZN proportion of residential land zoned for lots over 25,000 sq.ft.

INDUS proportion of non-retail business acres per town

CHAS Charles River dummy variable (= 1 if tract bounds river; 0 otherwise)

NOX nitric oxides concentration (parts per 10 million)

RM average number of rooms per dwelling

AGE proportion of owner-occupied units built prior to 1940

DIS weighted distances to five Boston employment centres

RAD index of accessibility to radial highways

TAX full-value property-tax rate per $10,000

PTRATIO pupil-teacher ratio by town

B 1000(Bk - 0.63)^2 where Bk is the proportion of blacks by town

LSTAT % lower status of the population

PRICE Median value of owner-occupied homes in $1000's

Target variable!

One Last Surprise!

Punyisa Kraisang -

Thailand