

Kaggle Data Science Competition

Description:

In a data science competition, we were given a dataset from Sell and Sail, a website that allows users to advertise their used boats for sale. The goal was to predict the number of views a boat listing would receive based on its features, in order to prevent the listing of boats that do not receive many views and boost website traffic. After answering trend questions and performing exploratory data analysis, we built a regression model that involved data cleaning, feature engineering, and testing various models. Ultimately, we achieved success using a tree regression model. our team won the competition by achieving the least mean squared error of 108.9 with our tree regression model.

Kaggle Competition Link:

<https://www.kaggle.com/competitions/procom23-data-science-competition-round-1/leaderboard>

Kaggle Code Link:

<https://www.kaggle.com/code/muhammadmujtabakhan/eda-views-prediction>

The screenshot shows the Kaggle website interface for the Procom'23 Data Science Competition Round 1. The left sidebar contains navigation links: Home, Competitions, Datasets, Models, Code, Discussions, Learn, More, Your Work, and Recently Viewed. The main content area displays the competition banner, navigation tabs (Overview, Data, Code, Discussion, Leaderboard, Rules, Team), and a leaderboard table. The leaderboard table lists the top three teams: TMUX Killer (IBA) with a score of 109.89759, Muhammad Faizan with a score of 111.83113, and Topi Squad with a score of 128.70771. The table also includes columns for Entries, Last, and Solution.

#	Team	Members	Score	Entries	Last	Solution
1	TMUX Killer (IBA)		109.89759	5	18d	
2	Muhammad Faizan		111.83113	3	18d	
3	Topi Squad		128.70771	7	18d	