FAST Alumni Outreach Society presents IntraFAST 2023

PSL WinViz

DataYard
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PSL WinViz is a data analysis and visualization competition where participants demonstrate their abilities in data analysis and information representation through visualizations to predict the match-by-match winners of the PSL 2023 cricket league. The PSL 2023 is a rank-based tournament, in which all teams will play a set number of matches, and the top four teams will be selected for the semi-finals, with the final being played between the two winning teams of the semi-finals.

In the PSL WinViz competition, participants are tasked with predicting the match-by-match winners in the ranking stage, and then determining the teams for the semi-finals and final based on these predictions. A dataset of previous PSL tournaments will be provided, and participants are welcome to use additional datasets or information obtained from the internet to enhance the provided data. Participants must conduct a comprehensive data analysis and present their insights through meaningful visualizations, justifying the features or criteria used for their predictions through metrics or relations depicted in the visualizations.

The competition will be judged upon the following criteria:

1. The quality of data analysis and visualization.
2. The use of interesting features for their predictions
3. The accuracy of predictions (results will be matched with actual results)

Submission Criteria:

1. You're supposed to submit two CSV files, the first one is for prediction of matches in ranking stages, and the second one is for prediction of matches in the semi-final and final.
2. You also need to submit your complete Exploratory Data Analysis, which should have your data engineering, visualization, and feature engineering and exploration. (It can either be jupyter notebook, R file, or a PDF)
3. If any machine learning is used, you'll have upload the entire training code, along with evaluation metric
4. You are also supposed to upload the dataset you have used for the competition.

Note: The use of Machine Learning is not necessary, you may use only statistical methods for your work.