Valorant Team Analytics

Name: Piyush Nalawade
Email: pnalawa@iu.edu

Valorant is an upcoming popular FPS game created by RIOT. Tournaments are organized by Riot and other third party events for entertainment purposes and the winning team is awarded a huge sum of money. Currently, we are in December which is preseason where team players are open and any team can bid on any available players to be part of their team.

Valorant team analytics is a tool created for this project by scraping the ranked matches completed in all tournaments.

The problem statements tackled are:
1. Get the performance graph by team
2. Get the win-or-lose streak graph by team
3. Get the valorant game trend graph by the number of matches played
4. Sort the teams by most wins
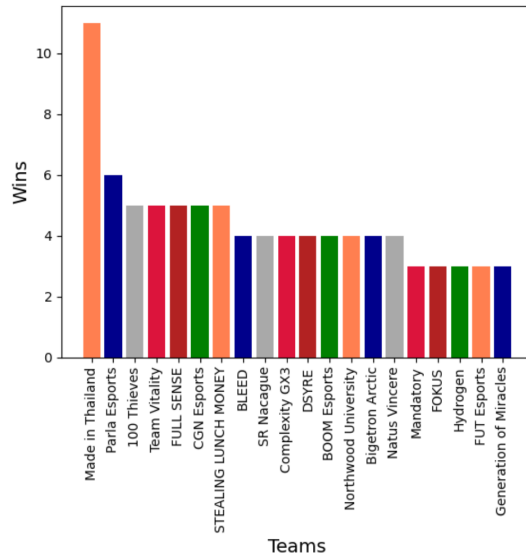5. Sort the teams by most loses

The website used to scrap data is VLR.GG.

Below are the visualizations done for the above problem statements.
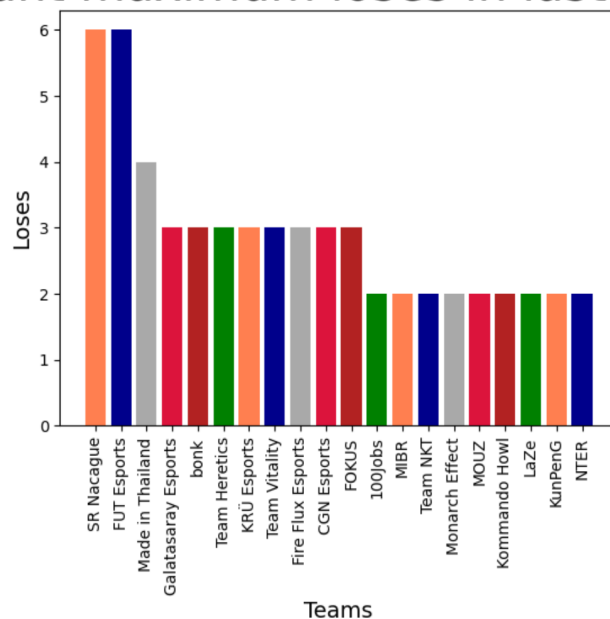
Visualizations:

1. **Sort the teams by most wins**
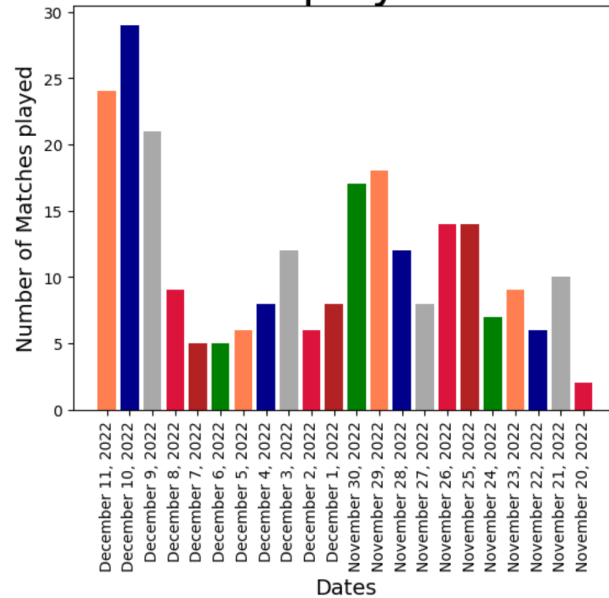
Valorant maximum wins in last 30 days

2. **Sort the teams by most loses**

Valorant maximum loses in last 30 days

3. Get the valorant game trend graph by the number of matches played
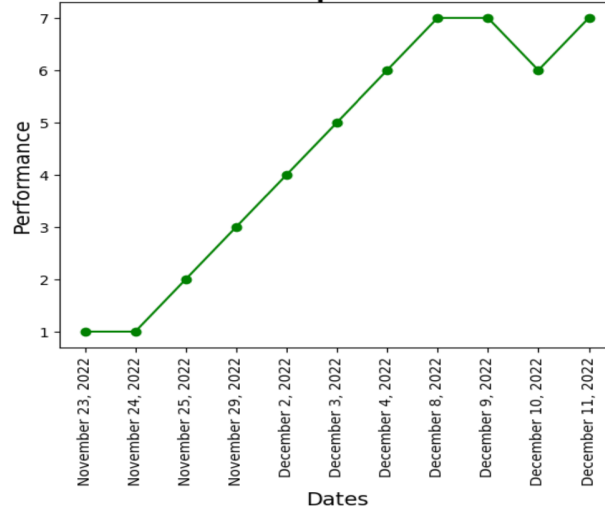

Valorant matches played in last 30 days

4. Get the performance graph by team

Team Name: MiTH (Made in Thailand)

Made in thailand performance graph

5. Get the win-or-lose streak graph by team

Made in thailand streak graph