**Project 1 Notes/Planning**

**Due Date: Next week**

**World Cup Soccer Players Data Set**

**Data set we will use:** [**https://www.kaggle.com/tadhgfitzgerald/fifa-international-soccer-mens-ranking-1993now/downloads/fifa-international-soccer-mens-ranking-1993now.zip/3**](https://www.kaggle.com/tadhgfitzgerald/fifa-international-soccer-mens-ranking-1993now/downloads/fifa-international-soccer-mens-ranking-1993now.zip/3)

**Hypothesis:** Analyze the player rankings and their performance for their country, is there a relationship that can be seen or analyzed?

**Which players have the highest probability to have the best performance next year?**

**Which players will improve the most?**

Sharing notes, ideas, links, methods, thoughts etc.

Due date: Saturday, September 14, SQL class is pushed to following Tuesday.

**Project requirements:**

Powerpoint: 10 minutes, timing, equal,

Visualizations: 6 to 8.

Commit

Due date: due in 3 weeks. Week 8.

**Data Requirements**

15 columns, at least 30,000 rows

Up to 50,000 rows/data points,

Statistically speaking, around 30,000

Create extra features.

**Proposed Project Titles**

1. “FIFA 19 data set trends”

**Proposals, Research questions/arguments**

1. **FIFA 19 Data set**

**Data link :** [**https://notebooks.ai/ale7r/final-project-fifa-5f803f17/descriptive\_stat.ipynb**](https://notebooks.ai/ale7r/final-project-fifa-5f803f17/descriptive_stat.ipynb)

1. **Top 10 players with highest potential to grow (overall rating)?**
2. **How performance relates to the preferred foot?**
3. **How positions/wages/overall ratings vary in each league?**
4. **Value vs Wage?**
5. **Correlation between player height and rating?**

Core message or hypothesis:

Questions:

1. Did the champions league winner from 2005-2018 affected by the transfers of 2005-2018

**2. Player stats, how each player performed in the year,**

**3. Player performance, vs team performance in a team,**

**4. Minutes played, affect player development,**

Combining different data set to 1 main analysis,

Ultimate question analysis: How did great players, what are the 3 main stats? Successful dribbling, passing, shots, etc?

What are the best goalie stats? Is it correlated to the best defenders?

Champions league team: take the stats,

Take key players,

Player development: Experience and skills

Proposal

57,000 rows, columns

Top countries, consistencies of countries from players

Solve,

Have all the players of a country, take their average ratings, what is the average player of a country.

Take a step forward, to find the right player dataset

**Roles**

**Walid**

**Emil**

**Pedro**

**Jorge**

**Aziz**

**Steps**

**Resources:**

[**https://www.kaggle.com/hugomathien/soccer**](https://www.kaggle.com/hugomathien/soccer)

[**https://data.world/sportsvizsunday/sports-viz-sundays-2018/workspace/file?filename=F1+All+Data.xlsx**](https://data.world/sportsvizsunday/sports-viz-sundays-2018/workspace/file?filename=F1+All+Data.xlsx)