Project Name: AGENT BASED FOOTBALL MATCH DATA ACQUISITION SOFTWARE

1- *201805025-Deniz Türköz-* https://github.com/falorenthebad

2- *201805026-Furkan Gündel -* https://github.com/supsf

3- *201805035-Burak Ayan -* https://github.com/roxopog

4- *201805075-Beyza Şahin -* https://github.com/sookissedboy

5- *201805093-Zahraa Altekreeti -* https://github.com/xmonstabebex

We collected our data through web scraping. utilizing beautifulsoup4 library. Here are our input titles:

These are related to match stats:

home_score

away_score

home_position

away_position

home_total_shots

away_total_shots

home_shots_off_target

away_shots_off_target

home_shots_saved

away_shots_saved

home_corners

away_corners

home_free_kicks

away_free_kicks

home_fouls

away_fouls

home_offsides

away_offsides

home_position

away_positon

These are related to team stats:

team_value

avarage_age

national_players

stadium_seat

squad_size

team_trophies

These are related to player stats:

player_age

player_trophies

player_market_value

player_seasonal_appearance

player_seasonal_goals

player_seasonal_assists

player_seasonal_yellow_cards

player_seasonal_red_card

player_overall_appearance

player_overall_goals

player_overall_assists

player_overall_yellow_cards

player_overall_red_card

We are planning to predict the match's score as an output.