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Data-oriented programming

2nd of December 2022

Exercise 2 - Workplan

Topic

Soccer, one of the most popular sports in the world, was chosen as a project topic. There is a lot of quality data around, because the public interest in players, soccer teams and matches is high. Data analysis is typically performed to estimate odds of certain outcomes of the soccer matches, such as goals, wins, losses etc.

Potential research questions

Players

- Who are the most influential players in certain teams or among all soccer players?

- How many matches do players typically participate in during their carrer?

- What attributes of players are linked to their roles in a soccer team?

- Is there an ideal height, weight for soccer players?

- How can a player be valued based on his match performance?

Teams

- Which teams improved most over time?

- Can player transfers cause a sudden change in performance of a team?

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Countries

Data sets

Links

European soccer data set: https://www.kaggle.com/datasets/hugomathien/soccer

Project github repository: https://github.com/arditluzi1/DoppExercise2