

FootyPedia:

a semantic web approach to football data

Group D

Luís Miguel Afonso Pinto	201806206
Luís Rafael Fernandes Mendes Afonso	201406189
Nuno Filipe Amaral Oliveira	201806525





Motivation

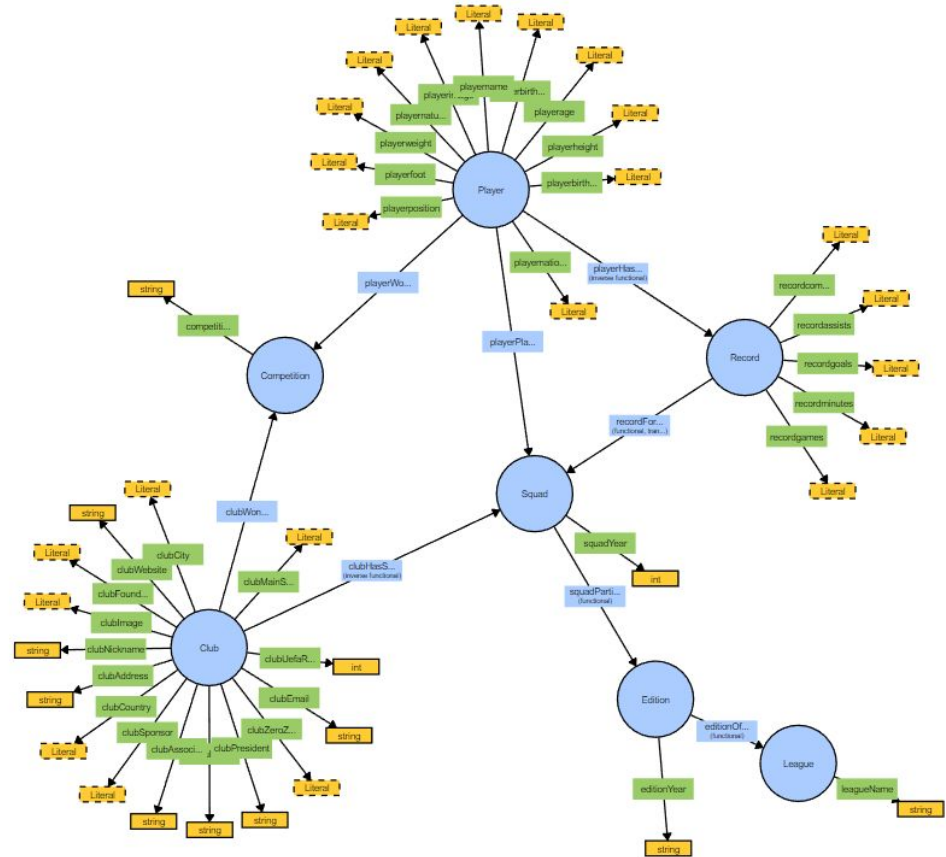
- Information is predominantly in football news websites
- Most of the information is not available as machine-readable structured data
- Information does not represent Linked Data



Data Collection

- Game history for all seasons was gathered directly from <https://www.football-data.co.uk>
- Scrape remaining information from <https://www.zerozero.pt/>
 - Naive approach encountered countermeasures
 - Selenium enabled us to emulate a real user
- BeautifulSoup to parse HTML scraped

- 





Conclusions

- We strived to fill the previously identified gap regarding machine-readable football data
- Developed a simple and clean website to demonstrate the results
- Project in compliance with the Linked Open Data principles (5 Stars)
- This project allowed us to further understand the value of working with linked data



Future Work

- Increase the amount of data that is available
- Complete the website with the information already retrieved