



Masterproject

Prediction of Soccer Games

Contributors:

Lisa Boos, Sergej Dechant, Khaled Jallouli, Martin Schmid

Expert: Prof. Dr. Volker Herbort

Expert: Prof. Dr. Markus Goldstein

November 17, 2019

Contents

List of Figures	II
List of Tables	III
Listings	IV
1. Data Preprocessing	1
2. Bibliography	3
A. Appendix	i

List of Figures

1.1. Entity Relationship Modell European Soccer Database	2
--	---

List of Tables

Listings

1. Data Preprocessing

According to [1, p. 99] the quality of data as well as the amount of useful information which is contained in data are crucial factors for the performance of a machine learning algorithm. Therefore, data has to be examined, preprocessed and understood before it can be used. The data used in this project is provided in a SQLite database and has the following entity relationship model:

1. Data Preprocessing

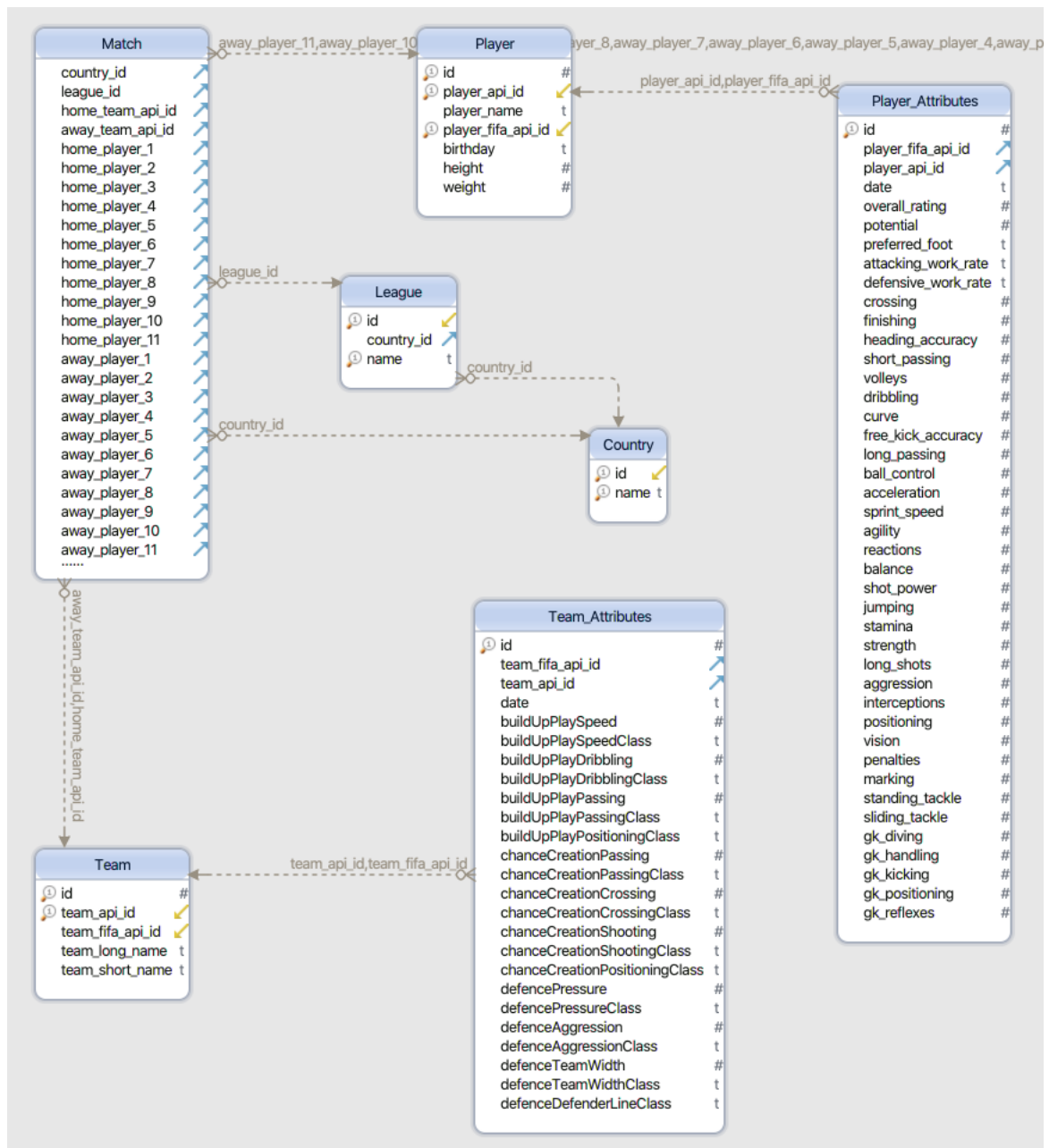


Figure 1.1.: Entity Relationship Modell European Soccer Database

2. Bibliography

Books and Journals

- [1] S. RASCHKA, *Python Machine Learning*, 1st ed. Packt Publishing, 2015 (cit. on p. [1](#)).

A. Appendix