**Football Players Market Value Prediction: A Literature Review**

**Abstract**

Analysis of the data has been done in various fields in today’s world be it business, health etc. But in recent years there has been its impact lately in the Sports which statisticians have taken a liking to. Football, most popular and watched sport in the world, has been affected too. But it was difficult to analyze the football data until recently because of how difficult it is to collect data and organize as it is the sport which is played all around the world.

Sure, football is mostly about the goals and cups but it also dependent on hugely on the quality of the players. When its quality of the players, their value in the market also plays a vital role. Huge transfers occur every year where top players are always involved. Recently, Neymar was transferred from FC Barcelona (Spanish Team) to PSG (French Team) for a record-breaking transfer fee of the 222 million euros.

This project mainly focuses on predicting market value of the players using modelling techniques. Various steps are involved to get this job done. Data has to be collected and organized into the features and target value, model this data on various models, test and evaluate the models, and finally make predictions based on the best model and check its accuracy.

Various papers have been published on the similar lines. Few of them have been reviewed to compare what is the current state of the problem and what we approach to do.