**Streamlit App Assignement 1 – Hugo Ramos**

Model Chosen:

I have chosen a linear regression model, as I’m trying to predict the market value of a player, I considered it was the most adapted model for this case study for both interpretation and performance.

Prototype usage:   
  
The app allows football agent to search for new players that are agent “free” and also predict a possible Market Value.

Main difficulties:

First of all, the model creation wasn’t an easy task, I think the dataset was lacking of certain key columns (**age**, nb of goals & assist over a season for a player). The model is not very performing but I wanted to work on a different dataset than seen previously in other classes.   
Regarding the creation of the app everything went smoothly, but the theme modifications gave me a hard time. From my experience on streamlit you can’t simply modify the CSS code to have a different background color etc… I had to create a tomL config file and run it as well on my terminal.