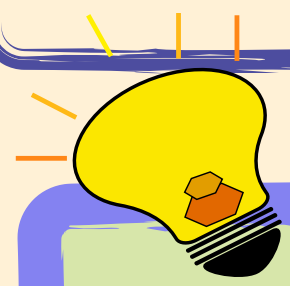


FIFA 19 Players and their Attributes

Reetodeep Hazra

IST 719 Information Visualization



18K Players



8 Leagues



152 Clubs



121 Countries

Introduction

In soccer, the statistics doesn't always say the true story but now a days, data analysts are working with soccer organizations to collect on-field and off-field data from a variety of sources and then analyzing and interpreting that data looking for meaningful insights to make the game more beautiful. This study is going to show you the countries producing most talents, performance on the basis of overall rating and potential ratings and the different attributes which makes a player better.

Dataset

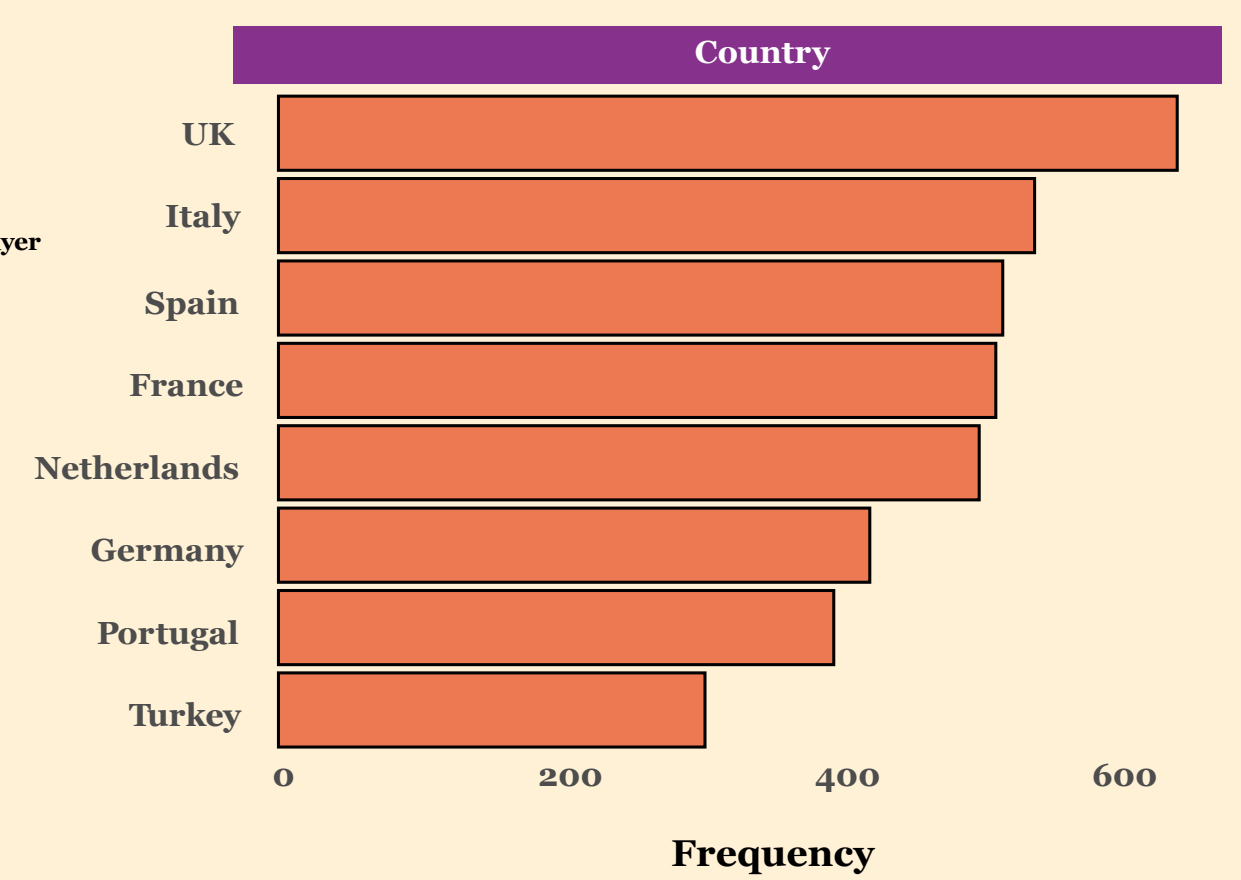
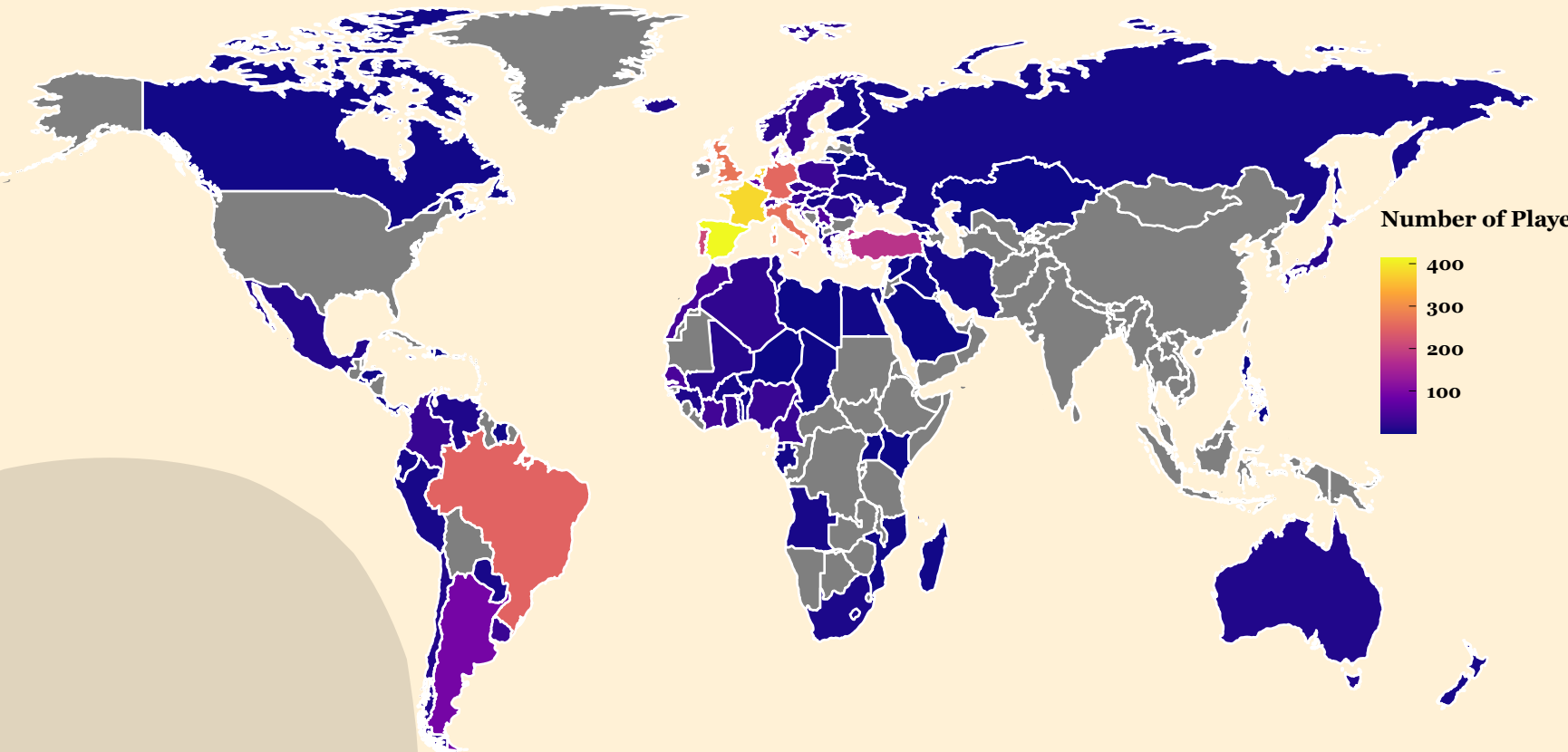
The FIFA 19 complete player dataset is collected from Kaggle and it contains 18207 rows with 89 columns. The data is originally scrapped from sofifa.com which is a platform for EA Sports. The main columns chosen for this project are **Overall**, **Potential**, **Club Names**, **Player Name**, and **Country** which are further used for subsetting and aggregating.

Audience & Questions

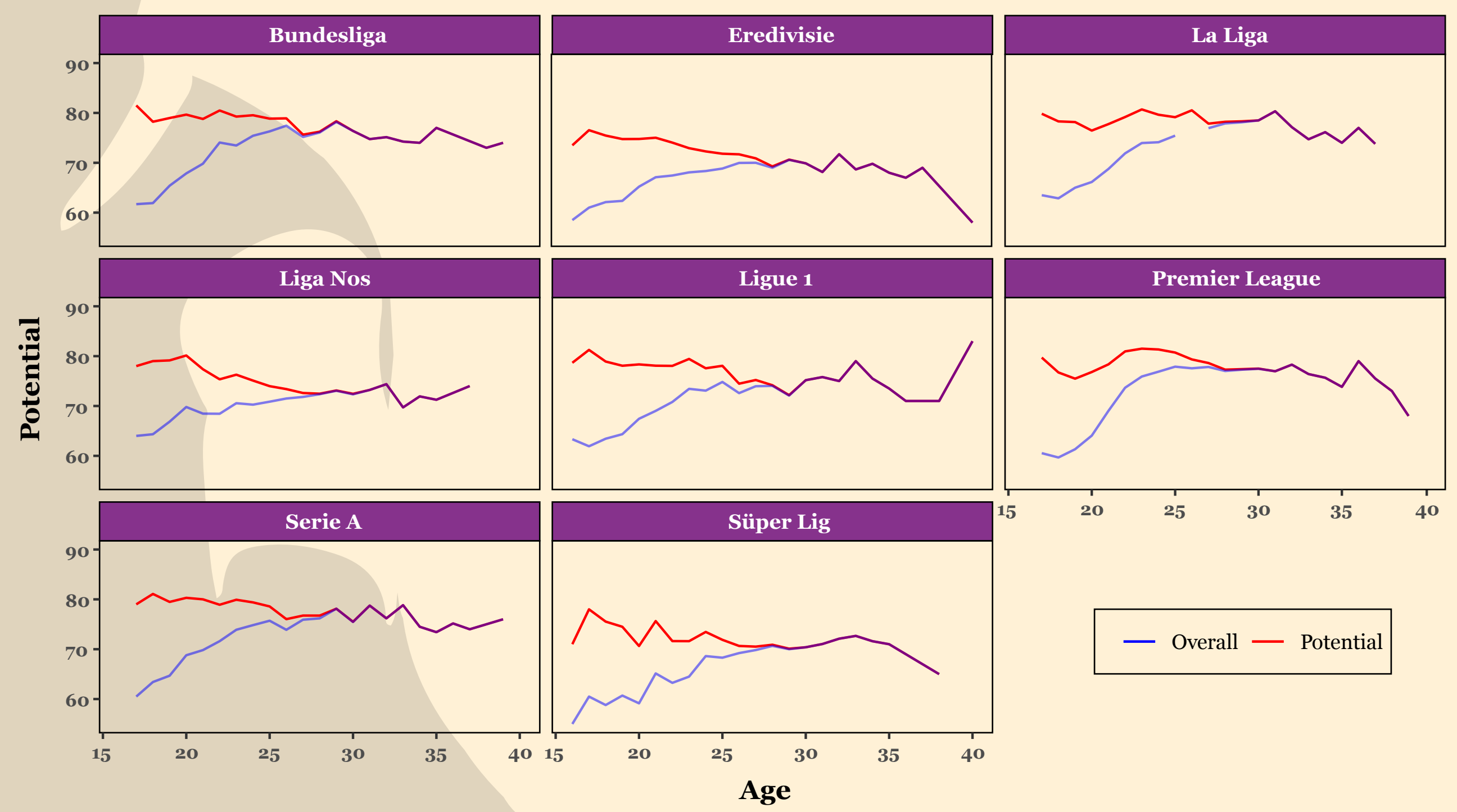
It can be of interest to participating players of various clubs, support staffs, soccer association of several countries, soccer lovers and other related groups and organizations. Some questions I'll be exploring are-

- What are the countries producing most players to play in the European major soccer leagues?
- Does potential and overall ability decline with age?
- What are the clubs with top talents?
- What is the contribution of dominant attributes in ratings?

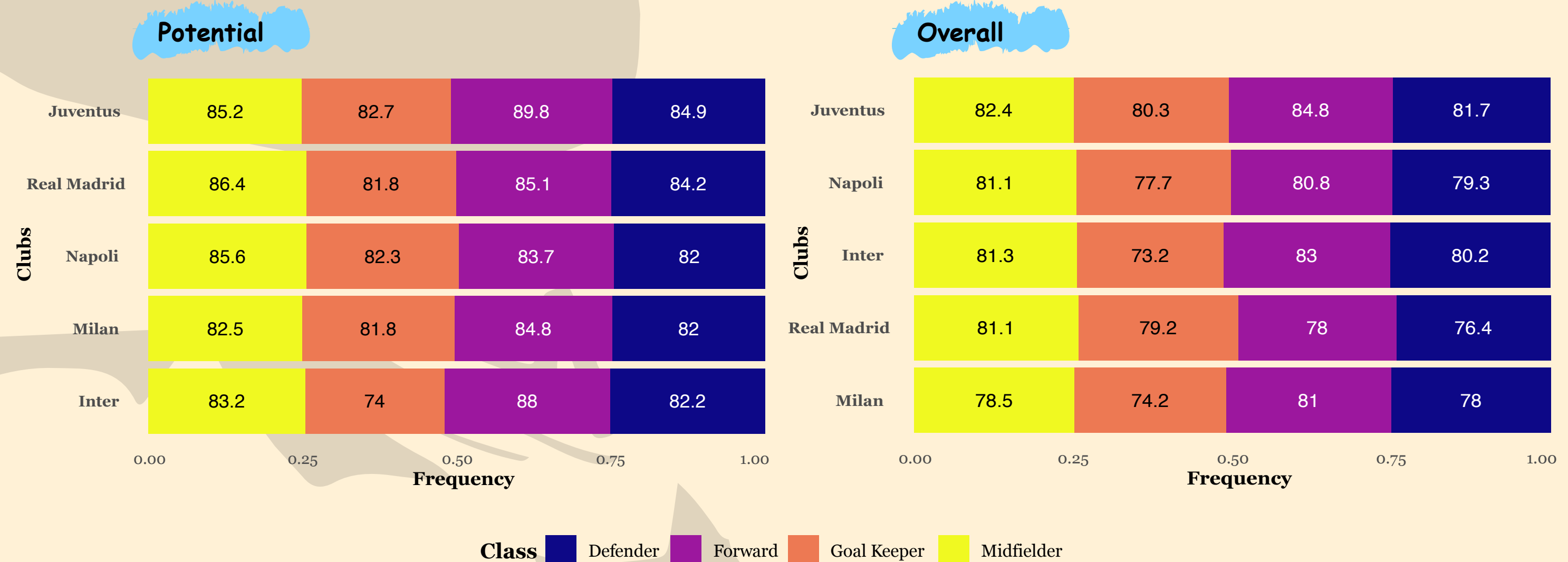
Where do they come from?



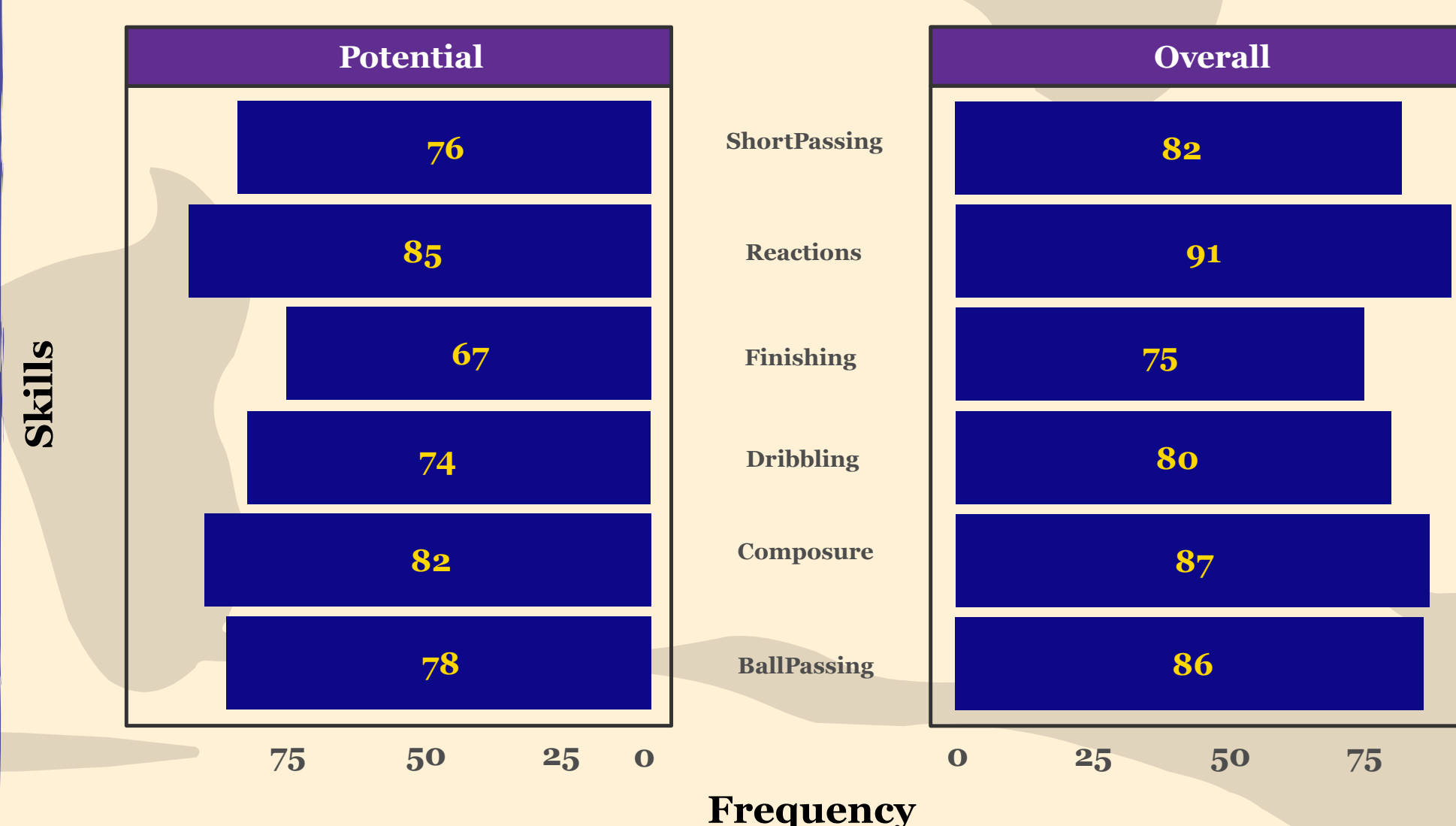
Does abilities decline with age?



Clubs with higher Potential and Overall ratings



Potential vs. Overall ratings - Do they match?



For example, Malcom received a high Potential rating of 91, but his Overall rating at the peak of his career is 69.

Vice versa, Phil Foden received a low potential rating of 88, but currently he possesses an Overall rating of 92.