



# WTA

(Woman Tennis Association)

## Overview

# Introduction

- This is for no mean, related to the WTA web page, system, and/or processes.
- This is only intended for educational purposes and no harm is intended.

- **Introduction**

- In the last years WTA (Women Tennis Association) has many changes for the number 1 Tennis player, there are a great number of tournaments, surfaces and characteristics that may lead to a player to win or lose.
- This would be an analysis that will try to look for a common pattern, and would suggest a player which tournament would be better to play in order to win.

# Data

- Fortunately, Jeff Sackmann has been doing an amazing job gathering information for all tennis player and tournaments, below is the link to his page:
- [https://github.com/JeffSackmann/tennis\\_wta](https://github.com/JeffSackmann/tennis_wta)
- To load data for current project, data from different years was joined (2015 to 2019) this way data from several years can be evaluated.

# Data selection

- Within data on files provided, there are many different parameters, the main goal will be to try to identify if court surface, country and if player is right, left handed will influence on a match result.

# Conclusion

I think it is safe to say, that a combination of country, age, and raking in wta is the main feature that will drive to understand if a player will obtain more points in WTA

- I think after all the diferent analysis, there is still some extra values that will need to be considered to get to an end value, but from the different results, came out that right handed players has more chance on winning matches.