

# Summary Report: Yale Tennis LinkedInSearch

## Match/NoMatch Classifier

### With Data Download

## YALE UNIVERSITY TENNIS

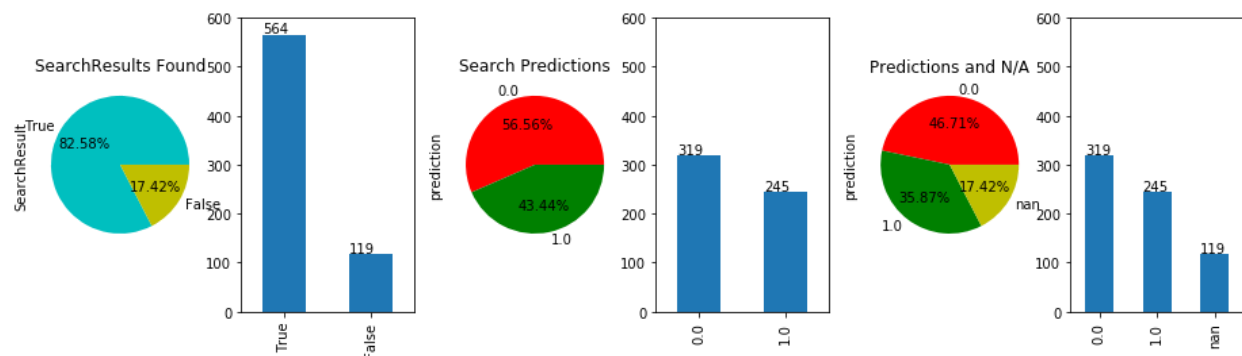
**Abstract:** The Online Rosters are downloaded from school's Men's and Women's team websites, for all the years available. The earliest roster year is from the 2009-10 season. The All-time letter winner lists were downloaded from the website, and merged with the roster lists. The Women's list goes back to 1973, and the Men's list has names going back to 1894. A predictive classifier model was built using verified results from the Cornell Tennis team, so the Men's roster excludes data earlier than 1947, to match the model. The prediction of a Match is 1, and a NoMatch is 0 in the graphs below. Some profiles returned are for a completely different name, so using the prediction as well as the text match score provided will help you ignore the really bad searches and identify the good ones which are mis-classified.

The report format will be updated over time, so this early version will rely on getting the field descriptions from the report on how the model was built. Summary results are shown here using pie charts and bar charts, and the data is provided in Excel Format. There are more missing and non-matching LinkedIn profiles than matching, and the model and data collection contain flaws and limitations. Nevertheless, this intended to be a useful starting point with room for improvement.

The number of LinkedIn profiles found is 564 out of 683 or 82.58%

The number of Predicted Matches for profiles found is 245 out of 564 or 43.44%

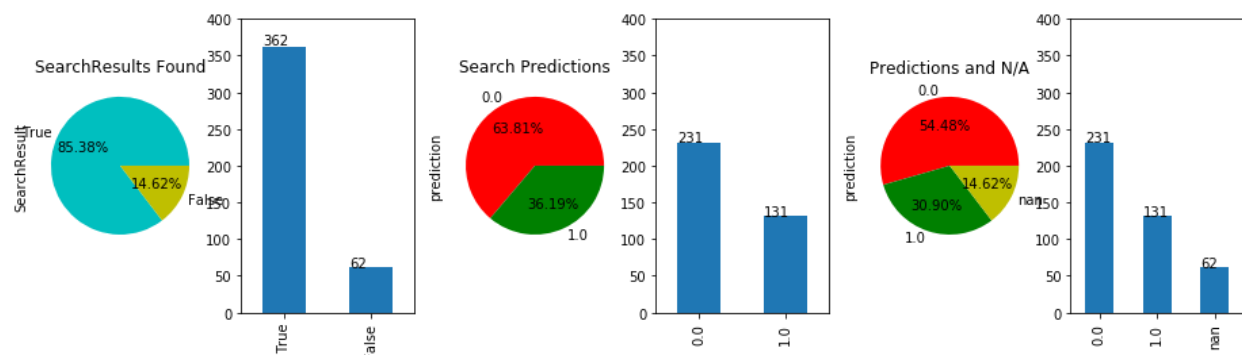
The overall ratio of Predicted Matching profiles is 245 out of 683 or 35.87%



The number of Men LinkedIn profiles found is 362 out of 424 or 85.38%

The number of Men Predicted Matches for profiles found is 131 out of 362 or 36.19%

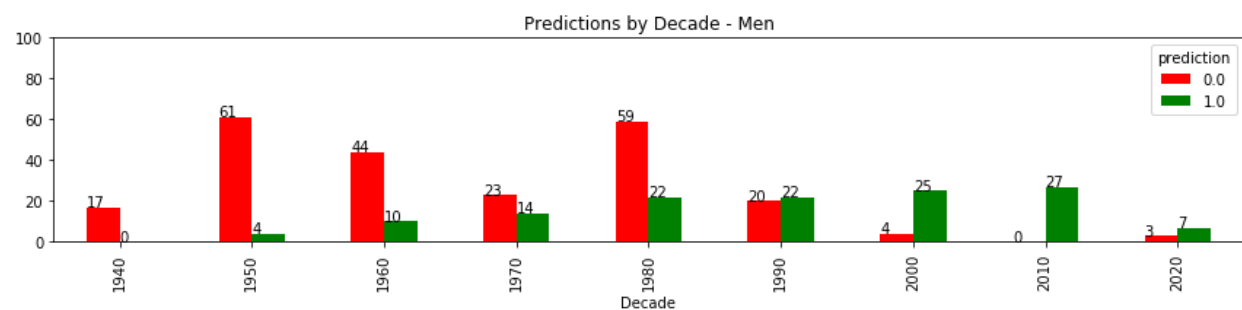
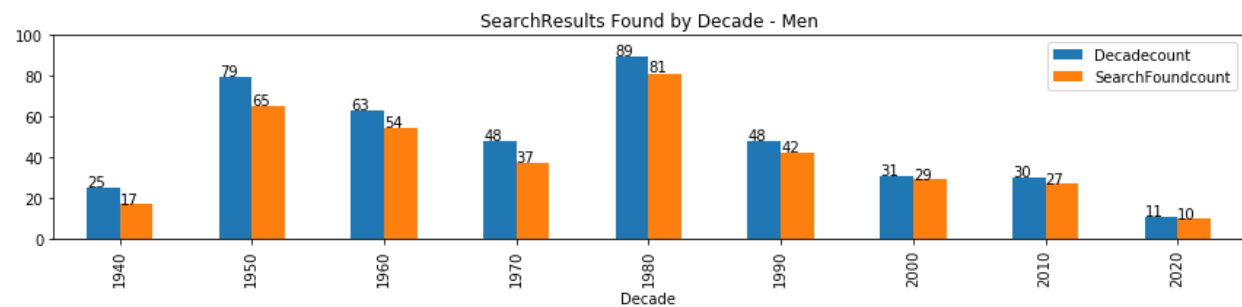
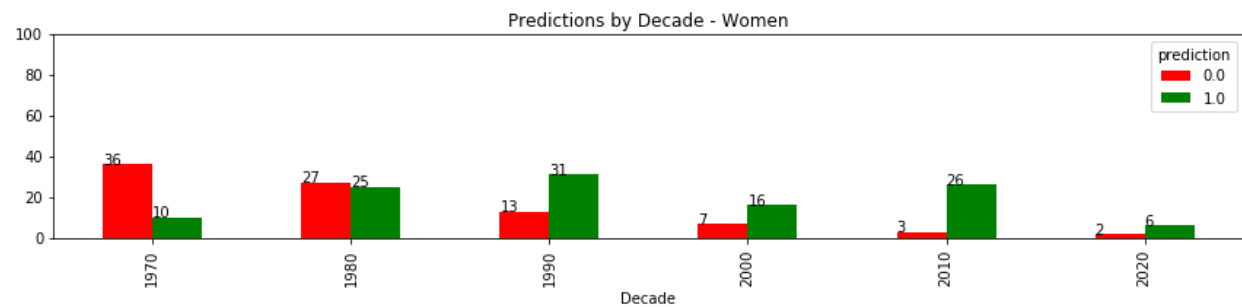
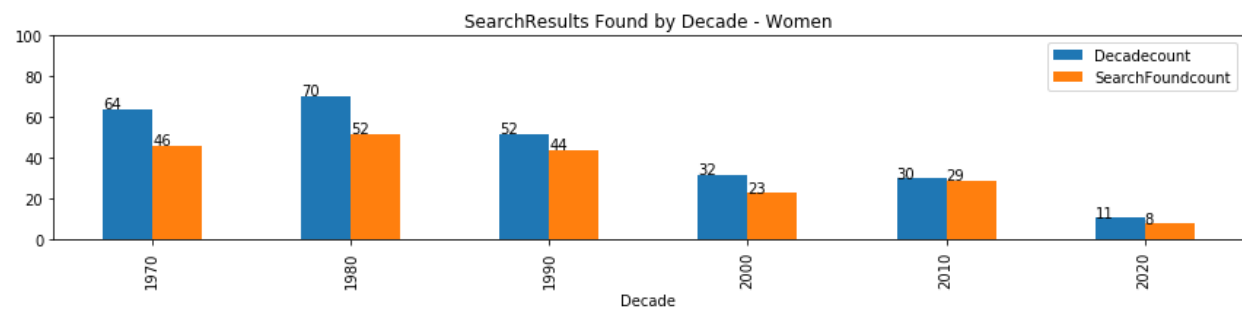
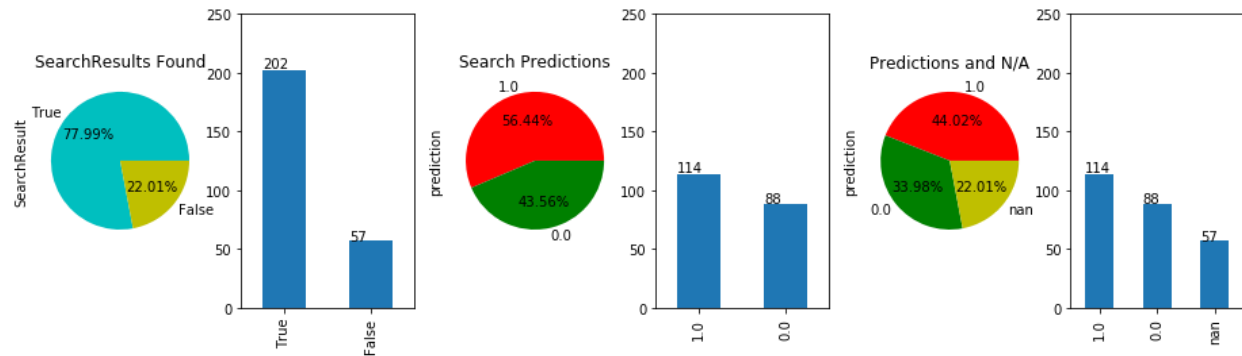
The overall ratio of Men Predicted Matching profiles is 131 out of 424 or 30.9%

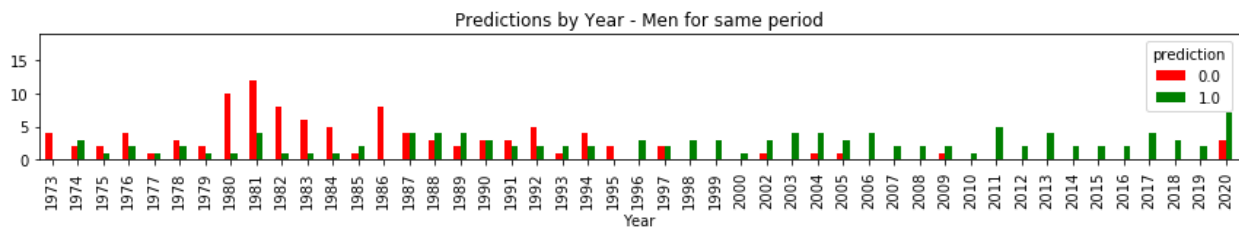
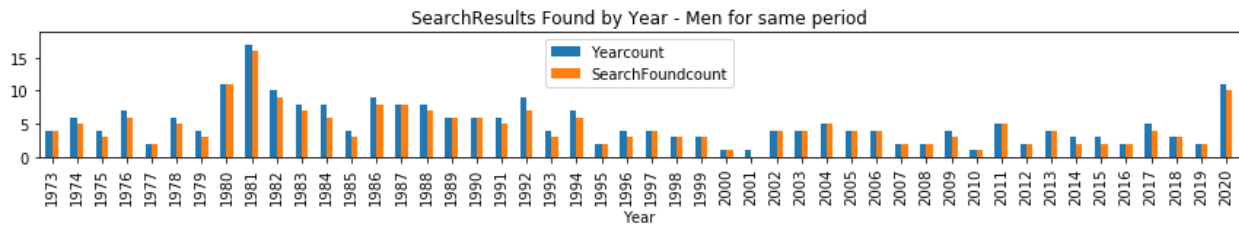
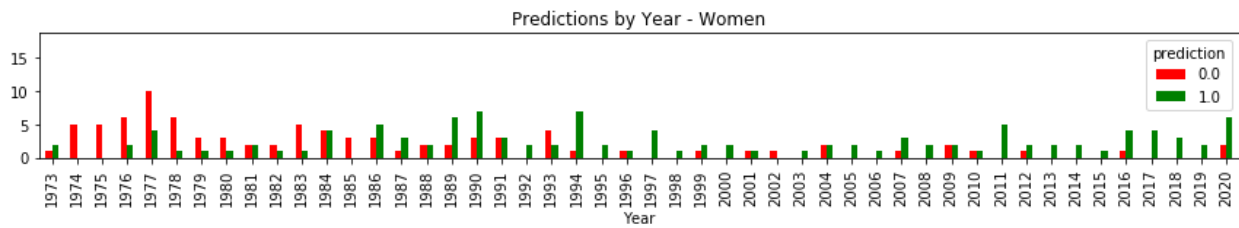
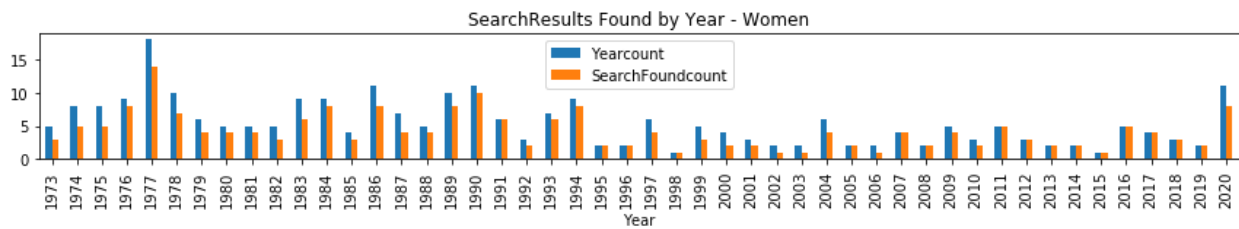


The number of Women LinkedIn profiles found is 202 out of 259 or 82.58%

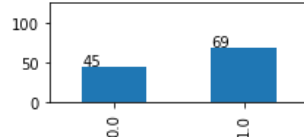
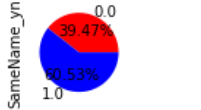
The number of Women Predicted Watches for profiles found is 114 out of 202 or 56.44%

The overall ratio of Women Predicted Watching profiles is 114 out of 259 or 44.02%

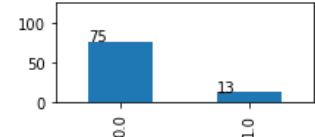
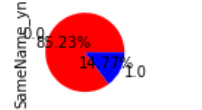




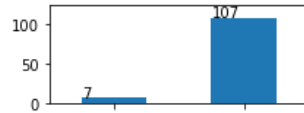
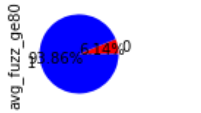
PredictMatch-SameName-W



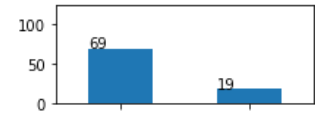
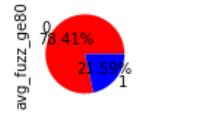
PredictNoMatch-SameName-W



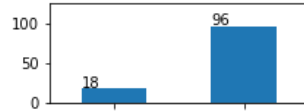
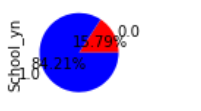
PredictMatch-Fuzz80-W



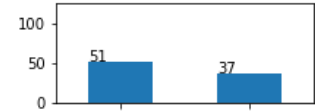
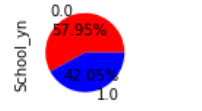
PredictNoMatch-Fuzz80-W



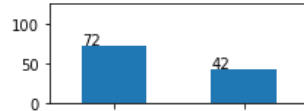
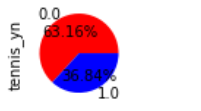
PredictMatch-School-W



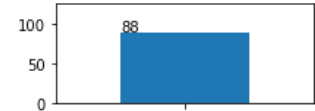
PredictNoMatch-School-W



PredictMatch-Fuzz80-W



PredictNoMatch-tennis-W



Link to the full project on github:

<https://github.com/cruzer42/Capstone-Project-2-for-Springboard>