## Capstone One Presentation Date: 4/30/20

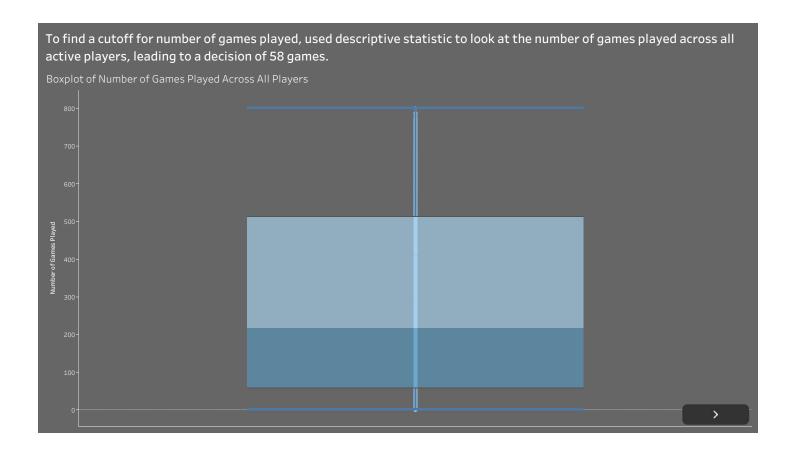
With a goal of finding top fantasy picks for a fantasy hockey league, used descriptive and inferential statistics to determine top 20 picks for Centers, Left Wingers, Right Wingers, and Defenders as well as some potential underrated picks for each position.
- Looking at data from 2010 - 2019, we have a number of players that have since retired, so will not be considered for potential fantasy picks for the coming season.
- Fantasy Points are calculated as:
Fantasy Points = $(Goals \times 6.0) + (Assists \times 4.0) + (Shots \times 0.9) + Blocks + Hits + Plus/Minus$
- Using statistical methods, was able to find and recommend 20 top picks for each position, as well as 3 sleepers per position.
<b>&gt;</b>

Looking at average fantasy points and number of games played, we see that there are some top player ID's with minimal games played, which may not be reliable picks for fantasy.

Average Fantasy Points and Number of Games Played per Player

Player M

Player





To find potential underrated picks, wanted to find which variables contributes the most to fantasy points and how weighted they are, surprisingly giving shots as the highest, followed by goals and assists.

\*\*Correlation of Average Variables to Average Fantasy Points\*\*

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\*\*Separate of Correlation of Average Variables to Average Fantasy Points\*\*

\*\*Gravay Shots, Avg FP\*\*\*

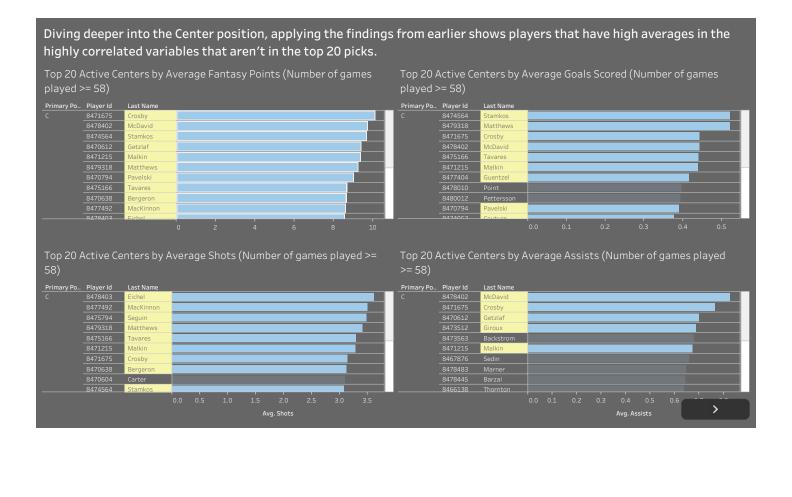
\*\*Corr Avg Salsis, Avg FP\*\*\*

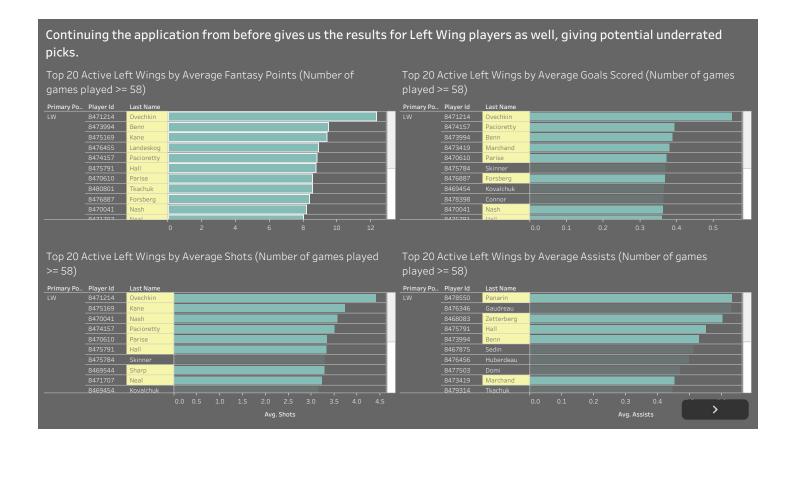
\*\*Corr Avg Salsis, Avg FP\*\*\*

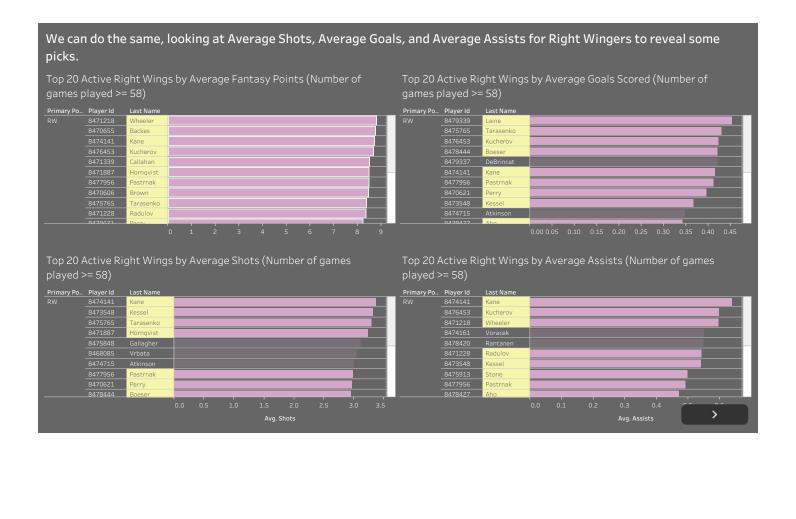
\*\*Corr Avg PlusMinus, Avg FP\*\*\*

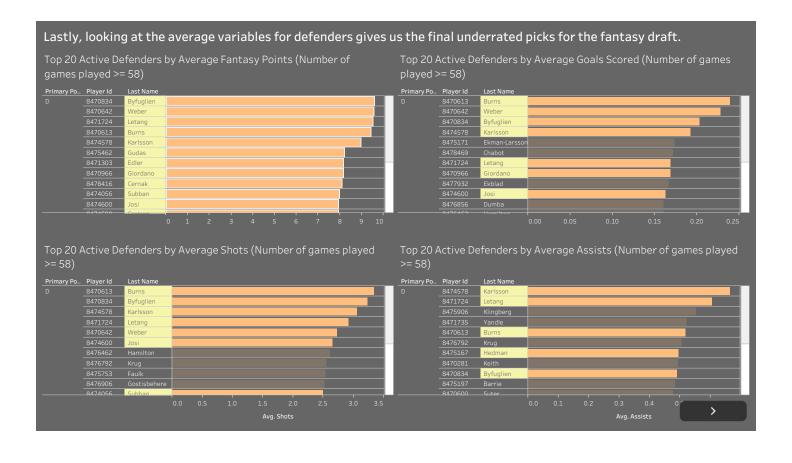
\*\*Corr Avg Hust, Avg FP\*\*\*

\*\*C









Using statistical methods, we are able to recommend 20 top picks for each position as well as some underrated picks for each position.

Looking back at the Top 20 Positions dashboard slide will give the list of 20 names per position, which can be used as a refence during the next season fantasy draft.

Go to - Top 20 Positions

From our weighted measures, some notable underrated for each position include:

Center- Carter, Pettersson, Toews

Left Wing - Skinner, Kovalchuk, van Riemsdyk

Right Wing - Gallagher, Atkinson, Rantanen

Defender - Hamilton, Krug, Ekblad