

Project Title

Football Statistics – Forced Fumbles

Team Members

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Project Description

We will look at different correlations of Forced Fumble in NFL games

Research Questions to Answer

What is a forced fumble

Who is the best at causing forced fumbles – players -

Which player positions are most successful at causing forced fumbles *

What time in the game do fumbles most happen *

Are there more fumbles now or later OVER THE YEARS *

When do the fumbles happen in the season *

Is there a correlation between age and fumbling

Which teams are most likely to fumble – over the years

Start here – looking at teams

Datasets to be used

NFL - <https://pypi.org/project/nflgame/>

<https://www.kaggle.com/toddsteussie/nfl-play-statistics-secondary-datasets>

Rough Breakdown of Tasks

Get data sets – Sat 5/2

Play with NFL Data set

Plays that tie to fumbles

Kaggle Data

Clean the data – Mon 5/4

Look for outliers

Nulls

Mean, median, mode

Box plots

Merge the data – Mon 5/4

Analyze data – Wed 5/6

Science the data – Thu 5/7

Visualizations – Thu 5/7

Bar Charts

Correlations & Regressions – Sat 5/9

Weather, time of season,

Powerpoint Sun 5/10

Report Sun 5/10

Repositories

GitLab - <https://smu.bootcampcontent.com/llLuisll/project-1-group-4.git>