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CSE 482

28 February 2023

PREDICTING NFL WINS USING FANTASY STATISTICS

**Report 2:**

In our preprocessing, we found using only fantasy defense points to be too limiting. We have decided to introduce additional fantasy statistics in an attempt to increase accuracy of a classifier. Our end goal is still to predict whether a team will win given their fantasy statistics. We believe the solution to this will come in the form of a binary classifier, but are unsure of the level of accuracy we will be able to reach given the many factors that go into an NFL game that are not captured in the fantasy realm. We are attempting different feature selection strategies like PCA but are finding many of the features of our dataset to offer very little correlation to success.

**Visualization:**

Chart, scatter chart

Description automatically generatedThis is a visualization of one of our more successful features in the defense data, showing what little correlation we could find: