**PROJECT PLAN**

**Project Title:**

Online Betting Analytics Project – NFL

“Based on the data collected, how would you place a bet?”

**Team Members:**

* Dario
* Justin
* Rebeca
* Brettney

**Project Description/Outline:**

* Moneyline - Dario
* Over/Under - Brett
* Pointspread - Rebeca
* Stadium type/Weather - Justin

**Research Questions to Answer:**

* What factors do you consider when placing an online sports bet
* Do outdoor(fields) vs. indoor(dome) (Stadium type) make a difference for win/lose?
* Does over or under win more often?
* points spread bets, what is the min and max amount of points spread a bet is being placed
* Which teams more favoured to win? Which are the underdogs?
* What are the averages for winning/losing teams
* Which teams are likely to score higher

**Datasets to be used:**

* Kaggle
* Jpwright
* Repole
* Nflweather
* Openweather api
* Nflgame python
* Nfl Data API

**Rough breakdown of tasks:**

* create a dataframe from the datasets/csv files into columns of your choosing based on your topic
* create atleast 2 visualizations each, graphs, plots, charts etc.
* Powerpoint slides – to remain cohesive, using the same template
* Practice presentation as a group
* Analysis and summary