

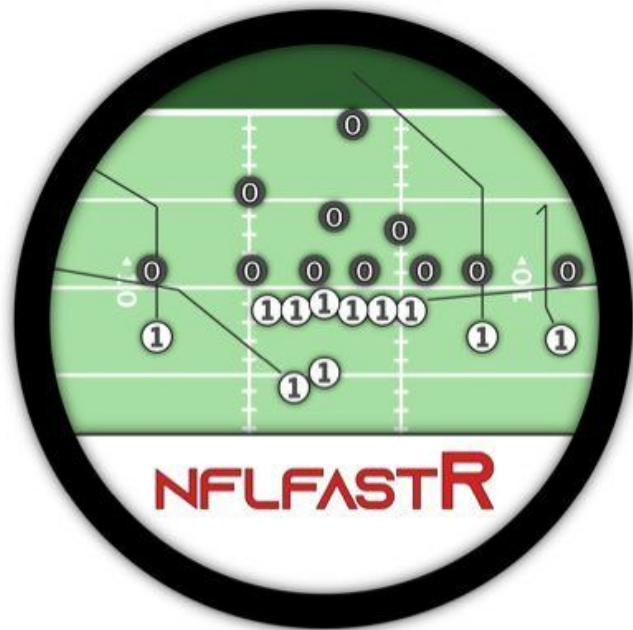
A high-angle, close-up view of an NFL football field. The green turf is marked with white yard lines and numbers. The number '40' is prominently visible in the center of the frame, with other numbers like '30' and '20' visible further back. The perspective creates a sense of depth, with the lines converging towards the top of the image.

NFL Play Predictor

By Jon Hickey

OVERVIEW

- DATA SOURCE
- PROJECT GOALS
- HOW WILL MY MODEL BE USED?

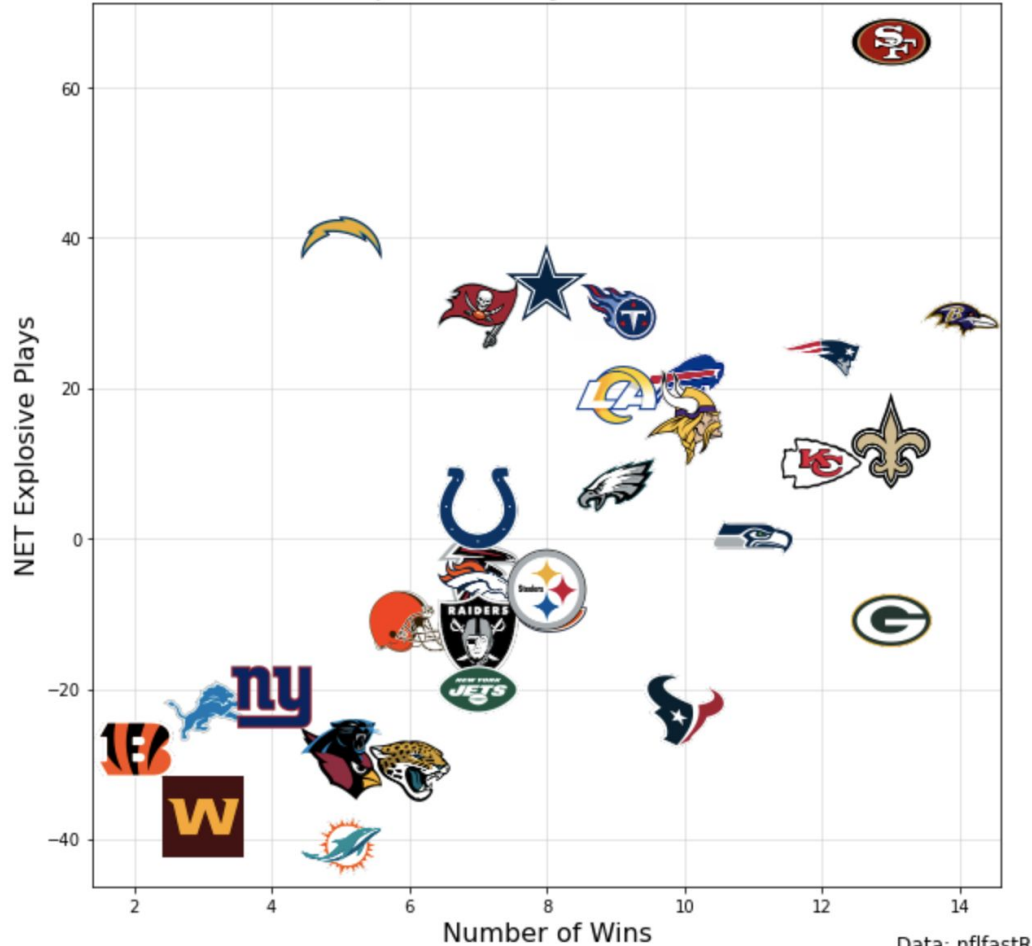


EXPLOSIVE PLAY ANALYSIS

- WHO IS MIKE EAYRS?
- WHAT WERE HIS FINDINGS?
 - RUSH \geq 12 YARDS
 - PASS \geq 16 YARDS
- HOW IS THIS BENEFICIAL?



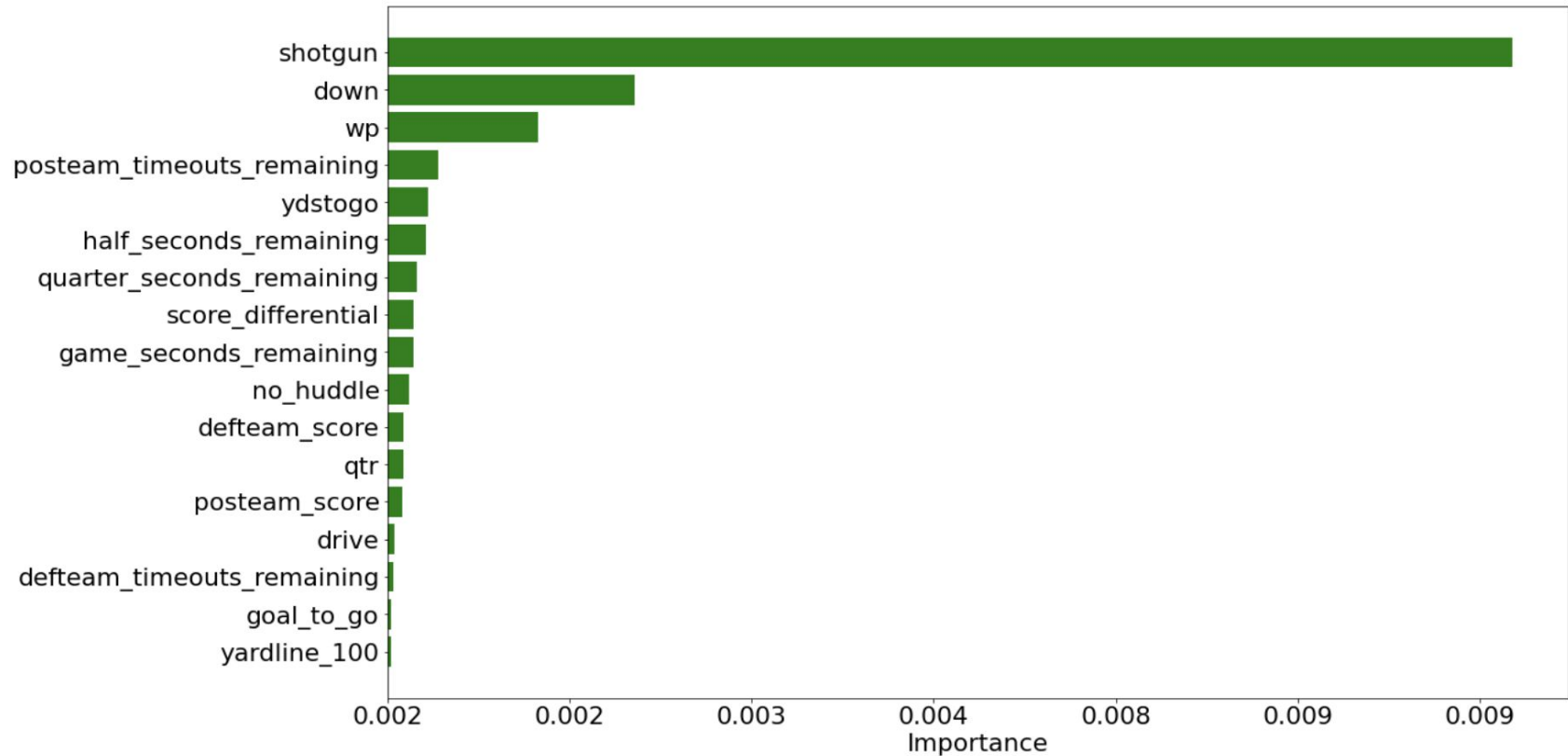
NET Explosive Plays vs Wins - 2019



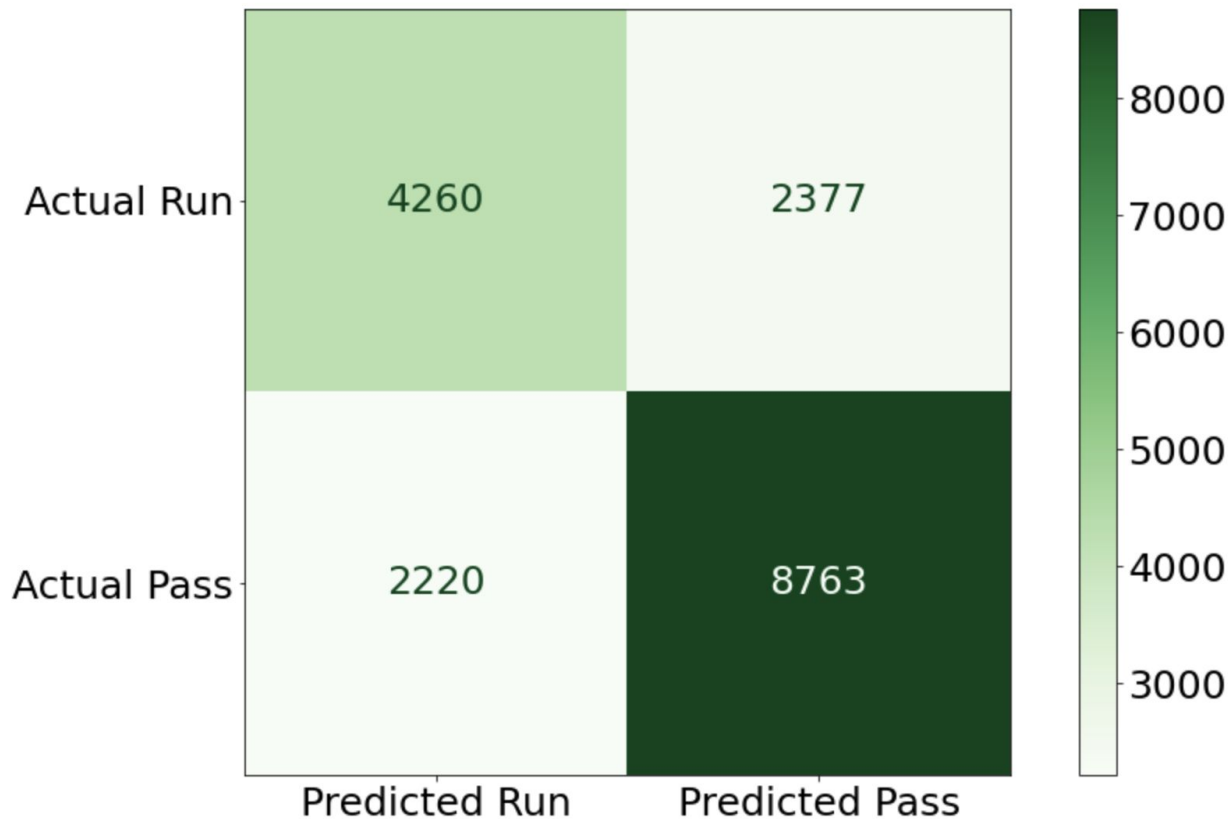
Data: nflfastR

- **POSITIVE CORRELATION**
- **WHAT DOES THIS MEAN FOR AN OFFENSE?**
- **WHAT DOES THIS MEAN FOR A DEFENSE?**

MODEL FEATURE ANALYSIS



MODEL RESULTS



Accuracy Score

.739

NEXT STEPS

- CONTINUE MODEL EXPLORATION
- CONTINUE FEATURE EXPLORATION
- DEPLOY MODEL USING FLASK

SOURCES

DATA :

- [HTTPS://GITHUB.COM/GUGASIBB/NFLFASTR-DATA](https://github.com/GUGASIBB/NFLFASTR-DATA)
- [HTTPS://GIST.GITHUB.COM/DERYCK97/DF8D33E9F841568201A2A0D5519AC5E](https://gist.github.com/DERYCK97/DF8D33E9F841568201A2A0D5519AC5E)

EXPLOSIVE PLAYS :

- [HTTPS://THEPOWERSWEEP.COM/BLOG/HOW-EXPLOSIVE-PLAYS-AFFECT-THE-PACKERS-AARON-RODGERS](https://thepowersweep.com/blog/how-explosive-plays-affect-the-packers-aaron-rogers)

IMAGES :

- [MIKE EAYRS](#)
- [TITLE SLIDE - FOOTBALL FIELD](#)
- [NFLFASTR](#)

CONTACT INFORMATION

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