

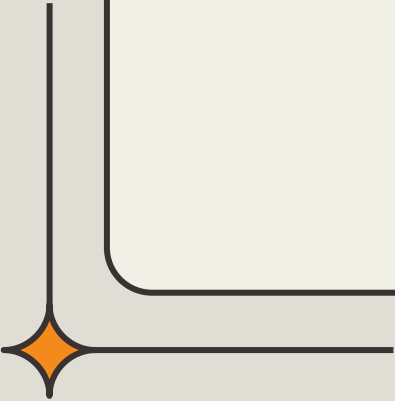
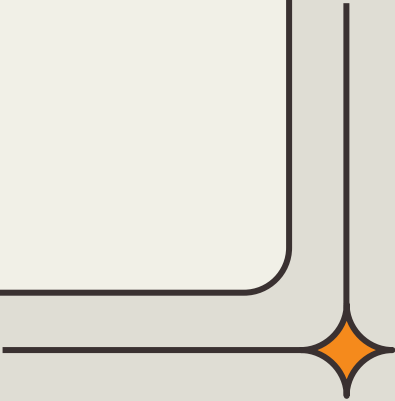
# Sports Data Analysis

Mid Semester Expo





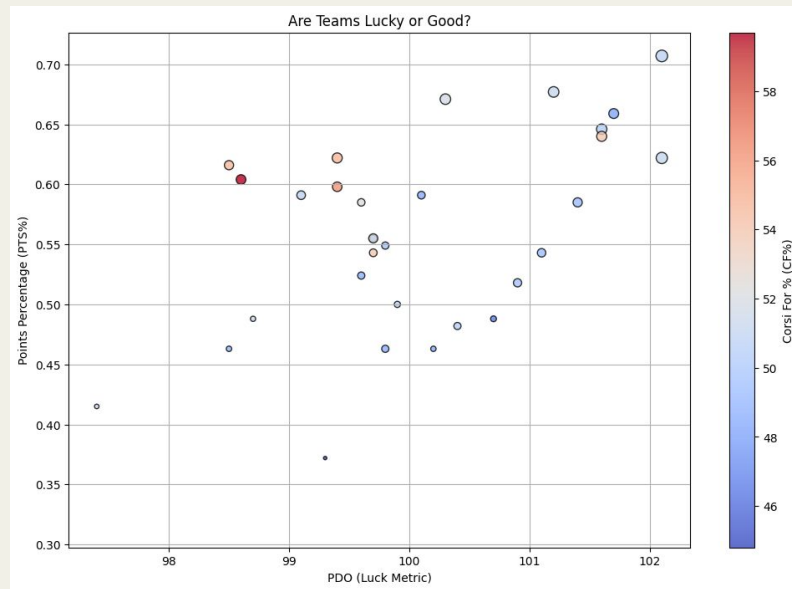
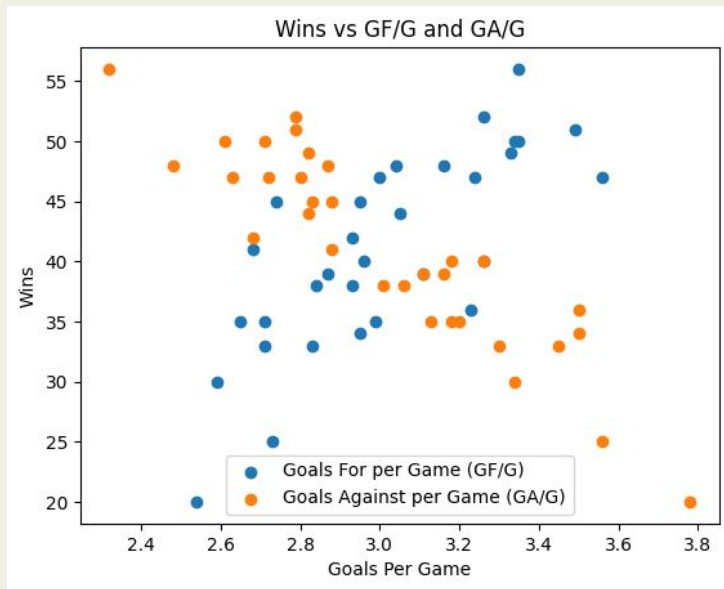
# Project Goals

- Learn basic Python skills (Pandas, NumPy, matplotlib, etc)
  - Practice data cleaning, data visualizations, and model building
  - Generate insights on selected sports topics
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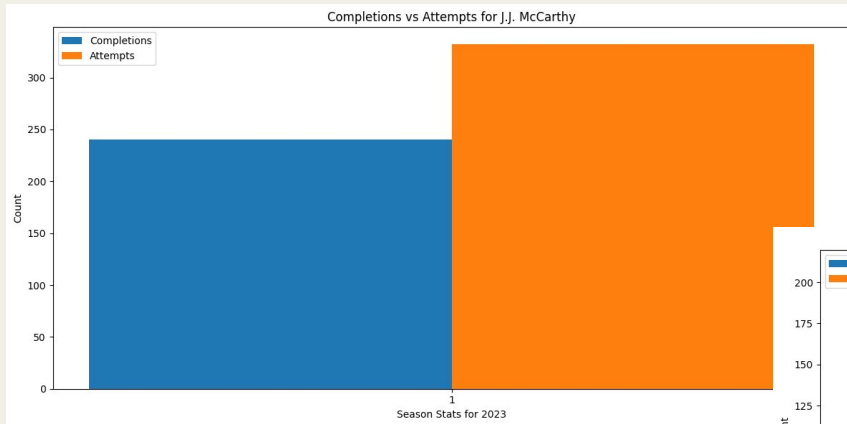


# **What We've Made**

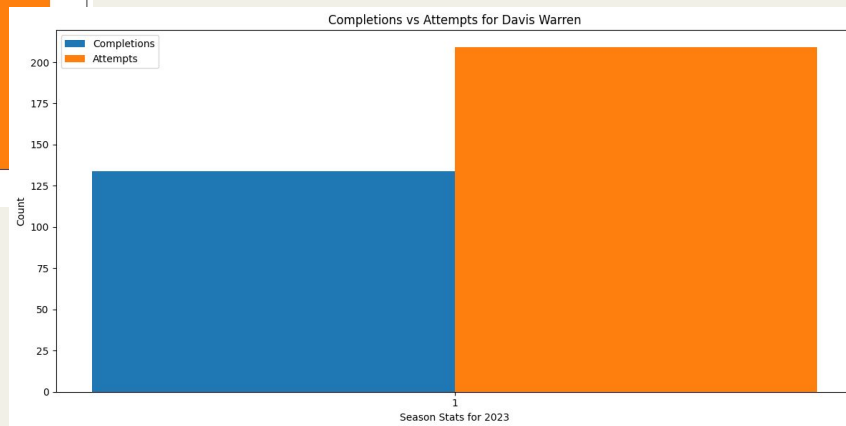
# NHL Game Predictor Visualizations



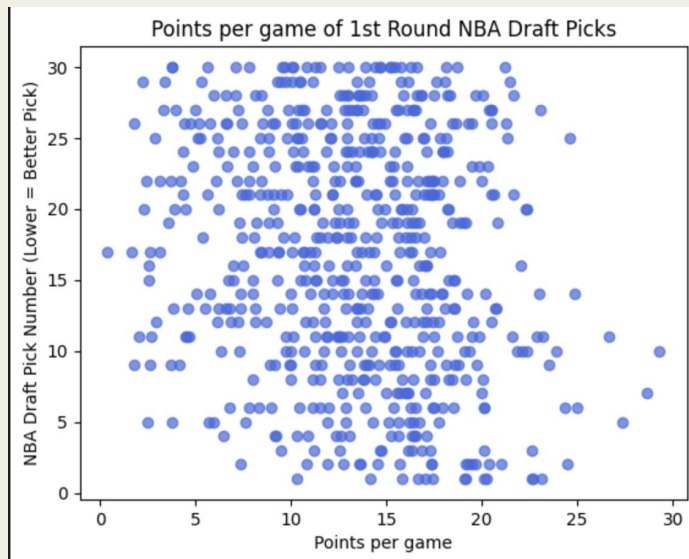
# Michigan Football 23/24 Analysis (QB)



Look at y-axis values

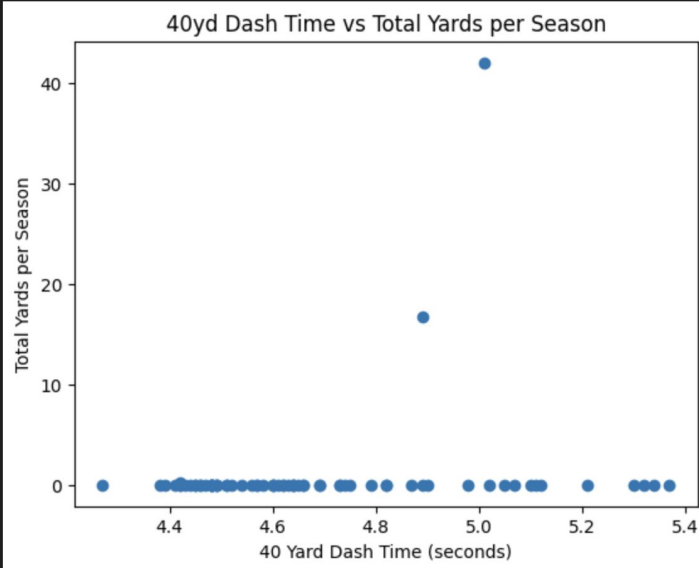
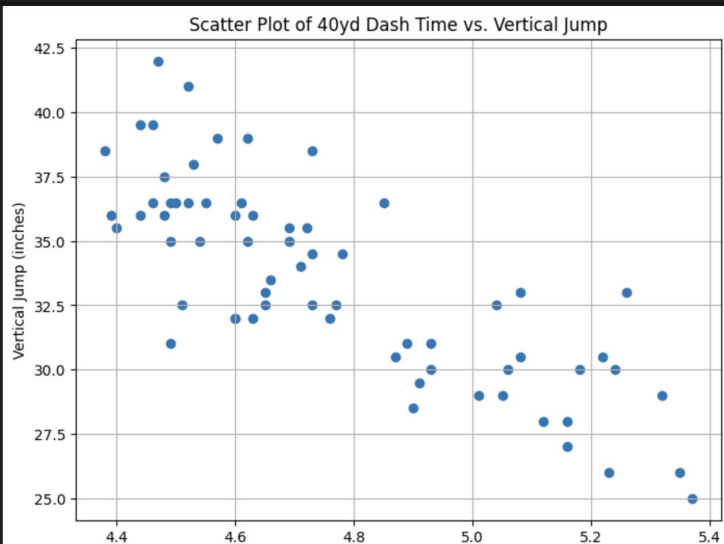


# College Basketball Prediction



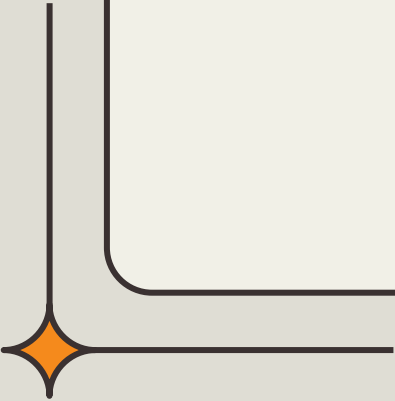
# Nfl Combine to Success Predictor

generate + Code + Markdown ▶ Run All ↺ Restart ≡ Clear All Outputs Jupyter Variables ≡ Outline ...





# Next Steps

- Practice aggregation for additional visualizations and analysis
  - Create regression and classification models for prediction projects
  - Make presentations to summarize findings
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