Ty Boles

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COSC 495

Senior Project Progress Report 3

Over the past few weeks of working on my senior research project I have experienced a various number of emotions. There have been hills and valleys to say the least but luckily at this point I am on a hill. When I was working on my abstract submission two weeks ago, I came to the realization that I needed to have an API so that I could submit the link to where I was getting my NFL statistics from. After lots of research I found a seemingly trustworthy website which had all the official NFL statistics in [Get Started | NFL Developer Portal](https://developer.nfl.com/get-started/overview). I then proceeded to make an account to access the API but after multiple attempts the account would not work. After emailing their product operations manager he informed me that their API is not open to the public but he then recommended an API from <https://developer.sportradar.com/docs/read/american_football/NFL_v7#nfl-api-overview>. I was then able to receive a 90-day free trial from this company with the help of Dr. Toone and began using the API to work on my project. I used Google collaboration to code in python language and am now able to see the stats of my main athlete that I am studying Jalen Hurts, along with the stats of prominent quarterbacks Tom Brady and Aaron Rodgers. I am going to continue coding in python to compare Jalen Hurts to other more so dual threat quarterbacks in the league who have similar play styles to Jalen Hurts. After finding these results I will be close to being ready to form a conclusion to my research question: Should Jalen Hurts be the future quarterback for the Philadelphia Eagles?