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Final Project Findings

Does a driver’s age in Formula 1 affect their performance over time? This is the question I set out to answer when tackling this assignment. After my EDA, I believe that there is no correlation between driver age and performance.

During this analysis I feel like car performance has a lot of influence in how a driver performs over time. Each team brings a different car each season and its never the same. There is usually always a distinct car performance discrepancy during the seasons and these teams usually get split with the best, best of the rest, and bottom feeder teams. There also comes the variable of what type of track they are racing at, at each given week. Some tracks are better for the cars that have good engines, or sometimes for cars that have good downforce. It depends on what tracks are scheduled during the season as they are ever changing every season.

I believe the driver’s starting position was an incorrect assumption on my part as it does not really affect much in the long run with performance. It doesn’t really matter where you start, but where you finish to obtain points and be remembered as a good driver.

The challenges I faced was trying to combine results with each driver. Not only that, each season has a different amount of races or different point formats so I had to try to clean up the data to make the point system as similar as possible.