**Formula 1 Analysis**

**Introduction**

This project involves analyzing the Formula One dataset from the years 1990 to 2020.

Formula One (F1) is one of the most popular sports in the world. The project aims to extract insights and understand the performance of Formula 1 over the years by analyzing data for drivers, constructors, and circuits. The dataset used in the project can be found at <https://www.kaggle.com/datasets/rohanrao/formula-1-world-championship-1950-2020>. The dataset consists of 14 CSV files.

**Problem Statement**

The aim of this project is to perform an in-depth analysis of the Formula 1 dataset to extract valuable insights about the performance of drivers, constructors, and circuits over the years. The analysis will involve exploring trends and patterns in the data and visualizing the results to identify key features.

**Methodology**

The project uses R programming language to analyze and visualize the data using 12+ charts. A comprehensive report is generated to summarize the findings.

**Conclusion**

Through the Formula 1 Analysis project, we were able to extract valuable insights about the performance of drivers, constructors, and circuits over the years. The project highlighted the importance of data analysis and visualization in extracting valuable insights from large datasets. The project also demonstrated the potential applications of data analysis in sports and other domains.