

Unveiling Formula 1: A Journey Through Numbers

Introduction:

Over the last three years, I've fallen in love with Formula 1—those fast cars, intense rivalries, and all the excitement on the track. This newfound passion sparked a curiosity to dig deeper into the world of Formula 1, leading me to create this project.

Formula 1, the top-level motorsport, has a long and fascinating history dating back to 1950. In this project, I used data analysis to uncover interesting facts, trends, and stories hidden in Formula 1 racing data. The data comes from Kaggle, covering the years from 1950 to 2022. I used SQL to organize the data and Tableau to create interactive visuals, making it easy for anyone to explore.

Objectives:

The main goal of this project was to combine my love for Formula 1 with the power of data. I didn't just want to look at numbers; I wanted to capture the spirit of the sport—the changes over time, the memorable moments, and the incredible drivers who've graced the track.

Data Exploration:

I used SQL to sort through the data, making it easier to explore key features and details. This set the stage for creating easy-to-understand visualizations that showcase the magic of Formula 1.

Tableau Dashboards:

Dashboard 1: Formula 1 Overview

A cool display showing how teams performed over the years.

Find out who the top drivers and teams were throughout Formula 1 history.

Dashboard 2: Driver Analysis and Comparison

Fun tools to compare how different drivers performed.

Check out season results and see how drivers progressed over time.

Key Findings:

What did I discover? Well, I found interesting patterns and trends, like which teams dominated and how drivers evolved. It's like a backstage pass to understanding Formula 1 better.

Conclusion:

This project isn't just about numbers; it's about celebrating the awesomeness of Formula 1. It's a sneak peek into the sport's complexity, offering a unique way for fans to appreciate Formula 1.

Future Work:

Looking ahead, I could dig even deeper into specific times, drivers, or teams. There's so much more to explore, and I'm excited about where this journey might take us.

Portfolio Impact:

This project is special to me because it shows not just my skills in playing with data but also how much I love Formula 1. It's like sharing a great story with fellow fans.

References:

Big shoutout to Kaggle for the data—they made this journey into the world of Formula 1 possible!