



Formula 1 Dynamics: Drivers, Teams, and Performance Insights

Our Motivation

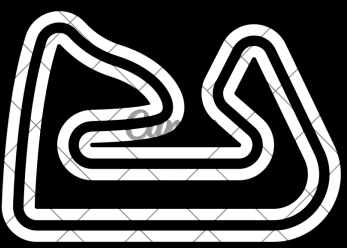
The world of Formula 1 racing is dynamic and filled with high-speed action, both on and off the track. Fans, analysts, and team strategists seek comprehensive, real-time insights into the sport to understand past performances, predict future outcomes, and engage deeply with the racing narrative.

Our motivation for creating the "Formula 1 Dynamics: Drivers, Teams, and Performance Insights" dashboard stems from a desire to cater to this need by providing an interactive and visually engaging platform.



Why This Dashboard?

Formula 1 is not just about speed; it's a complex interplay of technology, strategy, and human skill. Understanding how drivers move between teams, how teams perform at different circuits across the globe, and how various factors like pit stops and grid positions influence race outcomes are crucial for fans and professionals alike.



Toughest on Brakes
The Circuit Gilles Villeneuve in Canada

17%
of the lap time braking



Fastest Recorded Speed by Juan Pablo Montoya
372.6 km/h (231.5 mph)



Fastest Pit Stop by McLaren Team
1.80 seconds



Highest Qualifying Pole Position in a One Season
Sebastian Vettel
15 out of 19 races (78.9%)



Most Consecutive Constructors' Championships:
Mercedes (2014 to 2020)
Totaling 7 consecutive titles



Michael Schumacher
(German)

Lewis Hamilton
(British)

Sebastian Vettel Kimi Räikkönen

