

Impressions of Data

A3

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CAC - Year 3





Chosen Dataset - Formula 1

- Formula 1, known as the pinnacle of motorsports, is enjoyed by fans worldwide. It is a sport with emphasis on not only the Drivers, but also Engineering and Technology. Formula 1 teams have access to and analyse incredible amounts of data in order to judge and extract maximum performance. It is a sport where even 1/100th of a second counts.
- Being intrigued by this, I decided to form my own analysis, to understand the performance of drivers and cars, while trying to reduce random factors such as rain, traffic, mechanical failures, etc.

Source - [Ergast.com](https://ergast.com)

Format - JSON API

Final Application

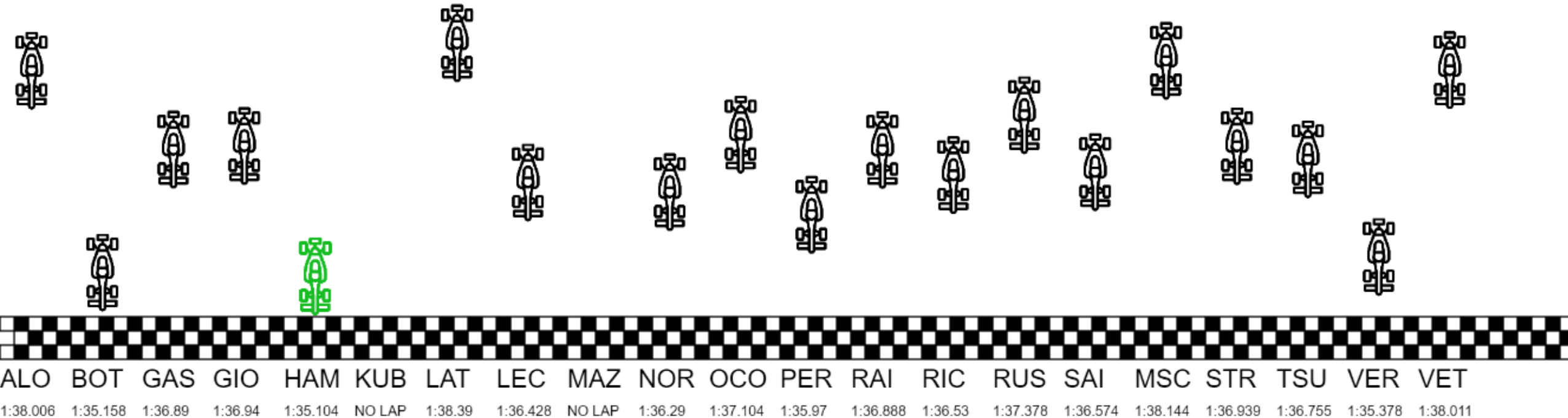
Median Laptimes of Drivers comparison chart

Github Pages Direct Link:

https://mohitakundi.github.io/F1_medians/Project

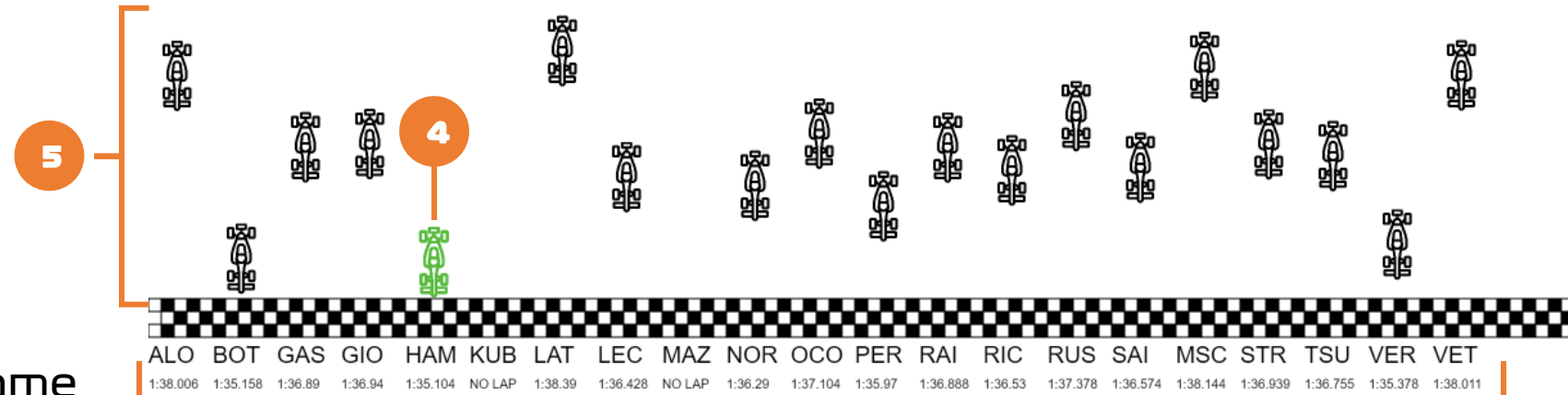
Github Repository Link:

[mohitakundi/F1_medians \(github.com\)](https://github.com/mohitakundi/F1_medians)



Key Points

1. Driver Code to Driver Name List
2. Option to View Years 1996-Current, Rounds correspond to Grand Prix
3. Driver Code and Median Lap times
4. Overall Fastest Driver by Median Laptimes
5. Visual Representation of Difference in Median Laptime



Bahrain Grand Prix

ALO: Fernando Alonso
BOT: Valtteri Bottas
GAS: Pierre Gasly
GIO: Antonio Giovinazzi
HAM: Lewis Hamilton
KUB: Robert Kubica
LAT: Nicholas Latifi
LEC: Charles Leclerc
MAZ: Nikita Mazepin
NOR: Lando Norris
OCO: Esteban Ocon
PER: Sergio Pérez
RAI: Kimi Räikkönen
RIC: Daniel Ricciardo
RUS: George Russell
SAI: Carlos Sainz
MSC: Mick Schumacher
STR: Lance Stroll
TSU: Yuki Tsunoda
VER: Max Verstappen
VET: Sebastian Vettel

Driver's Median Laptimes

Year:

Round:

1

2

3

5

4