

Visualization of a dataset - Practice 8

11 December 2019

Objectives

1. Understand and analyze a complex dataset
2. Create visualizations starting from questions

Tool

- Tableau Desktop

Exercise

A dataset about the Formula One championship is available in the file *f1db_csv.zip*. The schema is described in the file *f1db_schema.txt*. Data provided by [Ergast \(http://ergast.com/mrd/db/\)](http://ergast.com/mrd/db/).

Visualization 1

- How many circuits are available per Country?

Visualization 2

- What is the number of races per season?

Visualization 3

- What is the number of constructors per nationality?

Visualization 4

- What is the number of drivers per nationality?

Visualization 5

- How many points has each constructor scored?
- In how many races do each constructor participate?

Visualization 6

- How many points has each driver scored?
- How many poles has each driver achieved?

Visualization 7

- What is the trend of fastest lap times over the years per circuit?

Visualization 8

- What is the trend of pit stop times over the years per constructor in a given circuit?