

DEXTER CORLEY

FP1 DASHBOARD

Name your data source.

Via *DatalsPlural*:

<https://docs.google.com/spreadsheets/d/1wZhPLMCHKJvwOkP4juclhjFgqIY8fQFMemwKL2c64vk/edit#gid=0>

The Ergast Developer API provides seven decades of Formula One racing results, with details on each season, race, and result since 1950, each lap time since 1996, each pit stop since 2012, and more. In addition to querying the API, you can also explore the data online and download it in full. As seen in: FiveThirtyEight's "Who's The Best Formula One Driver Of All Time?" [h/t Eric Gardner + Cameron Yick + David Ortiz]

Explain why you are interested in this data.

I'm a big fan of Formula 1 and would love to dig deeper in the vast amount of data they give publicly. There are so many pathways to take when exploring this data and I have some great ideas about how to make the visualizations flow together in a story.

State the attributes/ columns this data has:

The database contains records about each circuit, driver, standings, seasons, and race results. There is a screenshot for each of the tables provided below.

status	
statusid	status
1	Finished
2	Disqualified
3	Accident
4	Collision
5	Engine
6	Gearbox
7	Transmission
8	Clutch
9	Hydraulics
10	Electrical

sprint_results															
resultId	racelId	driverId	constructorId	number	grid	position	positionText	positionOrder	points	laps	time	milliseconds	fastestLap	fastestLapTime	statusId
1	1061	830	9	33	2	1	1	1	3	17	25:38.426	1538426	14	1:30.013	1
2	1061	1	131	44	1	2	2	2	2	17	1.430	1539856	17	1:29.937	1
3	1061	822	131	77	3	3	3	3	1	17	7.502	1545928	17	1:29.958	1
4	1061	844	6	16	4	4	4	4	0	17	11.278	1549704	16	1:30.163	1
5	1061	846	1	4	6	5	5	5	0	17	24.111	1562537	16	1:30.566	1
6	1061	817	1	3	7	6	6	6	0	17	30.959	1569385	17	1:30.640	1
7	1061	4	214	14	11	7	7	7	0	17	43.527	1581953	17	1:31.773	1

seasons	
year	url
2009	http://en.wikipedia.org/wiki/2009_Formula_One_season
2008	http://en.wikipedia.org/wiki/2008_Formula_One_season
2007	http://en.wikipedia.org/wiki/2007_Formula_One_season

driver_standings						
driverStandingsId	racelId	driverId	points	position	positionText	wins
1	18	1	10	1	1	1
2	18	2	8	2	2	0
3	18	3	6	3	3	0

constructors					
Sheet 1					

constructors				
constructorId	constructorRef	name	nationality	url
1	mclaren	McLaren	British	http://en.wikipedia.org/wiki/McLaren
2	bmw_sauber	BMW Sauber	German	http://en.wikipedia.org/wiki/BMW_Sauber
3	williams	Williams	British	http://en.wikipedia.org/wiki/Williams_Grand_Prix_Engineering

drivers								
Sheet 1								

drivers								
driverId	driverRef	number	code	forename	surname	dob	nationality	url
1	hamilton	44	HAM	Lewis	Hamilton	1985-01-07	British	http://en.wikipedia.org/wiki/Lewis_Hamilton
2	heidfeld	1	HEI	Nick	Heidfeld	1977-05-10	German	http://en.wikipedia.org/wiki/Nick_Heidfeld
3	rosberg	6	ROS	Nico	Rosberg	1985-06-27	German	http://en.wikipedia.org/wiki/Nico_Rosberg

constructor_standings							
Sheet 1							

constructor_standings							
constructorStandingsId	racelId	constructorId	points	position	positionText	wins	
1	18	1	14	1	1	1	
2	18	2	8	3	3	0	
3	18	3	9	2	2	0	

constructor_results					
Sheet 1					

constructor_results				
constructorResultsId	racelId	constructorId	points	status
1	18	1	14	W
2	18	2	8	W
3	18	3	9	W

circuits								
Sheet 1								

circuits								
circuitId	circuitRef	name	location	country	lat	lng	alt	url
1	albert_park	Albert Park Grand Prix Circuit	Melbourne	Australia	-37.8497	144.968	10	http://en.wikipedia.org/wiki/Melbourne_Grand_P
2	sepang	Sepang International Circuit	Kuala Lumpur	Malaysia	2.76083	101.738	18	http://en.wikipedia.org/wiki/Sepang_Internationa
3	bahrain	Bahrain International Circuit	Sakhir	Bahrain	26.0325	50.5106	7	http://en.wikipedia.org/wiki/Bahrain_Internationa
4	catalunya	Circuit de Barcelona-Catalunya	Montmeló	Spain	41.57	2.26111	109	http://en.wikipedia.org/wiki/Circuit_de_Barcelona
5	istanbul	Istanbul Park	Istanbul	Turkey	40.9517	29.405	130	http://en.wikipedia.org/wiki/Istanbul_Park

1. Your message

What do you want to show your audience?

From using this data, I want to show the audience the progressions for each driver and focus on where/when they have had their best results. The end goal for gathering the data and analyzing it in the same way for everyone to show which driver is the all-time GOAT.

What are the main things you want to highlight in your data / what questions do you want answered?

Who is the best driver of all time when looking at wins, longest period of dominance, and TBD determinators.

What constructor (car manufacturer) is the best of all time when looking at most wins, longest period of dominance, least DNF's due to car problems, fastest cars

Which driver shows the most potential when looking at ability to gain more from the car than their partner.