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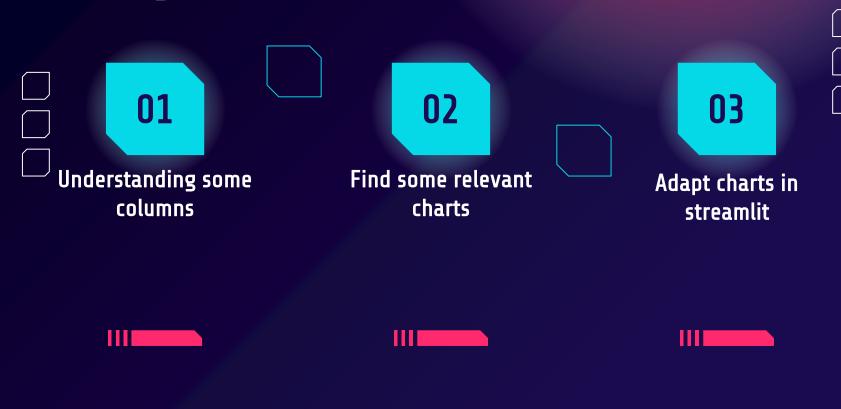
ABOUT THE DATA





Α		С												0
sessionId	kwhTotal	dollars	created	ended	startTime	endTime	chargeTimeHrs	weekday	platform	distance	userld	stationId	locationId	managerVeh
1366563	7.7	3 0	2014-11-18 15:40:20	6 2014-11-18 17:11:04	15	17	1.510555556	Tue	android	NA	35897499	582873	461655	
3075723	9.7	4 0	2014-11-19 17:40:20	6 2014-11-19 19:51:04	17	19	2.177222222	Wed	android	NA	35897499	549414	461655	
4228788	6.7	0.58	2014-11-21 12:05:46	6 2014-11-21 16:46:04	12	16	4.671666667	Fri	android	NA	35897499	129465	461655	
3173284	6.1	7 0	2014-12-03 19:16:12	2 2014-12-03 21:02:18	19	21	1.768333333	Wed	android	NA	35897499	569889	461655	
3266500	0.9	3 0	2014-12-11 20:56:1	1 2014-12-11 21:14:06	20	21	0.298611111	Thu	android	NA	35897499	414088	566549	
4099366	2.1	4 0	2014-12-12 14:38:44	4 2014-12-12 15:04:04	14	15	0.42222222	Fri	android	NA	35897499	911231	202527	
5084244	0.	3 0	2014-12-12 15:08:40	2014-12-12 15:47:04	15	15	0.64	Fri	android	NA	35897499	920264	461655	
2948436	1.8	2 0	2014-12-17 20:30:28	5 2014-12-17 21:31:04	20	21	1.010833333	Wed	android	NA	35897499	431796	461655	
3515913	0.8	1 0	2014-12-18 17:53:19	9 2014-12-18 18:04:04	17	18	0.179166667	Thu	android	NA	35897499	134427	620906	
8490014	1.9	В	2014-12-18 18:06:49	2014-12-18 18:30:05	18	18	0.387777778	Thu	android	NA	35897499	207262	928191	
7075912	4.5	5 0	2014-12-18 18:31:54	4 2014-12-18 20:57:04	18	20	2.419444444	Thu	android	NA	35897499	280221	976902	
5226095	2.0	5 0	2014-12-19 14:30:3	7 2014-12-19 15:12:04	14	15	0.690833333	Fri	android	NA	35897499	371335	461655	
9342496	5.	3 0	2015-01-07 17:52:53	3 2015-01-07 20:54:03	17	20	3.019444444	Wed	androld	NA	35897499	405157	976902	
1853945		0	2015-01-09 13:59:09	2015-01-09 14:21:03	13	14	0.365	Fri	android	NA	35897499	355208	976902	
2113485	7.8	5 0.5	2015-01-12 17:39:36	6 2015-01-12 21:48:04	17	21	4.141111111	Mon	android	NA	35897499	944575	928191	

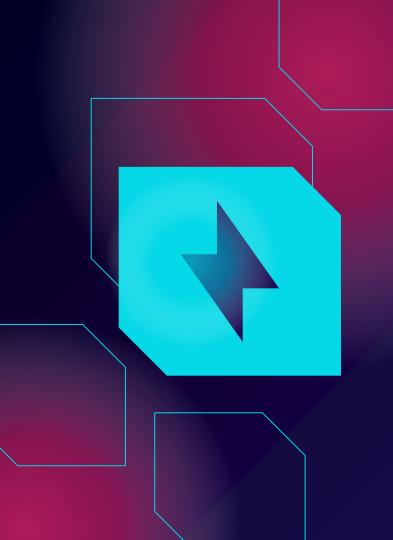
Challenges





CLEANING

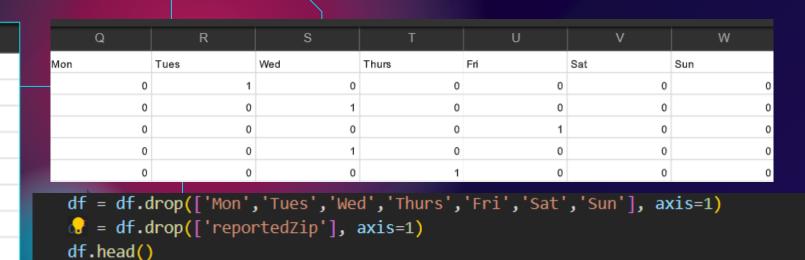




3395 columns

24 raws

Wed



```
drop a raw with an outliers to create scatter plot
```

```
df.drop(df.loc[df['chargeTimeHrs']== 55.23805556].index, inplace=True)

$\square$ 0.4s
```

weekday

Tue Wed

Fri

Wed

Thu

Fri

Fri

Wed Thu

Thu Thu

Fri

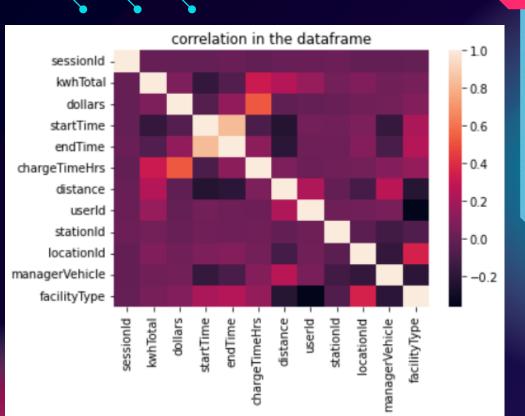
Wed Fri

Mon

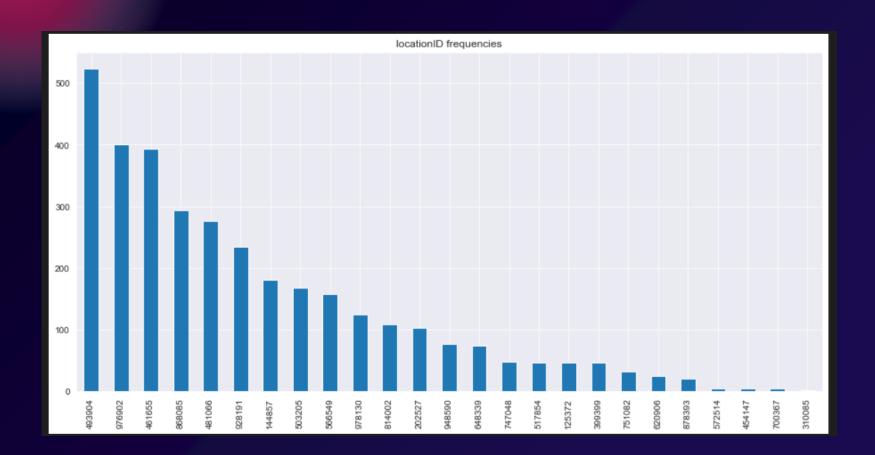


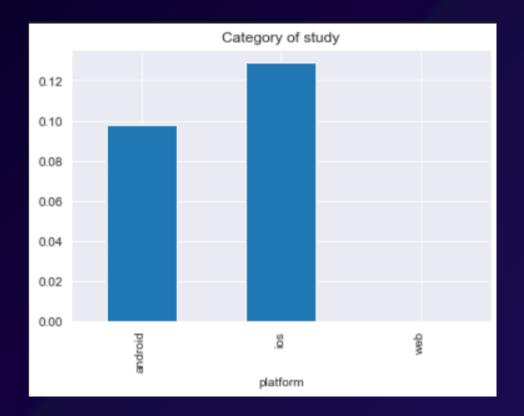
VISUALIZATION









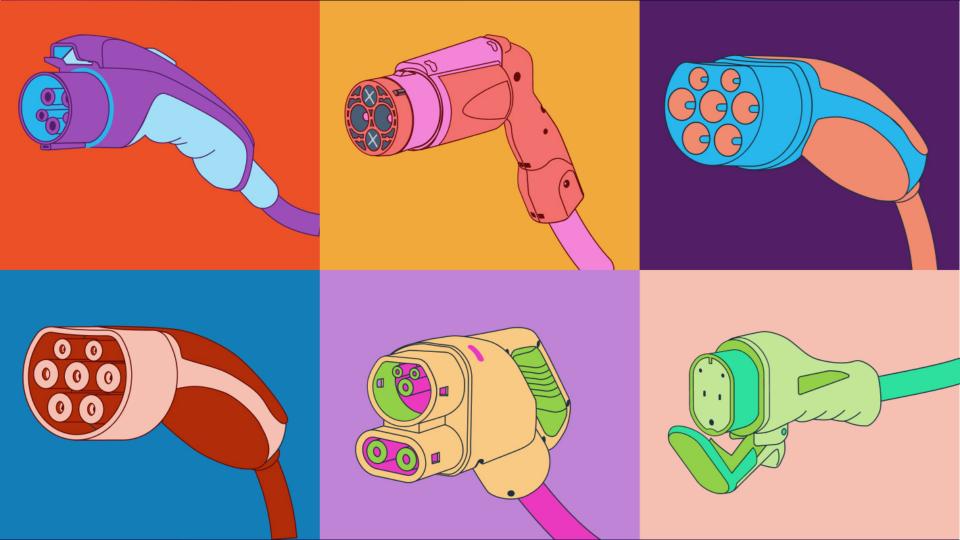


The differents facility Type

In Europe the most common is called 'Type 2'









40 \$

Money save on a trip from Paris to Toulouse (700km)with an electric car compared to a petrol car



Consommation

/100km)

Heures pleines

2,90*7 (pour 700km)= 20,3e pour les voitures électriques qui consomment le plus (20kw/h alors qu'il faut 70e si on roule en essence

STREAMLIT



Streamlit

