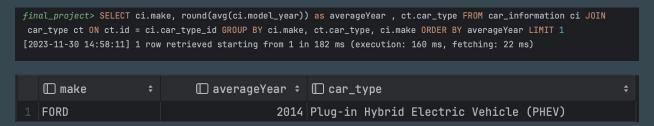
Electric Vehicle Population Data



Ford had plug-in hybrids in 2014

Nathaniel Liganor uniquame: nliganor

https://www.kaggle.com/datasets/utkarshx27/electric-vehicle-population-data?rvi=1

Getting Data Into Database

Challenges

Matching up correct location, car type, and CAFV IDs to each vehicle

Manually input data for all rows

Queried the rest

Trial and error

Improvements

Queried data from one table and transferred it to the primary table for each ID field

```
DELETE from location WHERE id > 1;

UPDATE car_information SET location_id = 1;

DELETE FROM car_type WHERE id > 3;

DELETE FROM car_type WHERE id = 2;

UPDATE car_type SET id = 2 WHERE id = 3;

UPDATE car_information SET car_type_id = 1 WHERE car_type_id IS NULL;

DELETE FROM vehicle_eligibility WHERE id > 12;

UPDATE car_information SET cafv_id = 2 WHERE cafv_id IS NULL;

DELETE FROM location WHERE id > 15;

DELETE FROM location WHERE id > 15;
```

∏aid ÷	∏ vin ÷	∏ make ÷	∏ model ÷	∭ model_year ÷	☐ location_id ÷	[☐ car_type_id ÷
	5YJ3E1EB4L	TESLA	MODEL 3	2020	1	
	5YJ3E1EA7K	TESLA	MODEL 3	2019	2	
	7JRBR0FL9M	V0LV0	S60	2021	1	
	5YJXCBE21K	TESLA	MODEL X	2019	1	1
	5UXKT0C5XH	BMW	X5	2017	2	2
	1N4AZOCP4F	NISSAN	LEAF	2015	2	1
	5YJ3E1EBXJ	TESLA	MODEL 3	2018	1	1
	WDC0G5EB0K	MERCEDES-BENZ	GLC-CLASS	2019	1	2
	1N4AZ0CP3D	NISSAN	LEAF	2013	1	1
10	KNDCC3LD9K	KIA	NIRO	2019	1	2
11	KNDJX3AE8G	KIA	SOUL	2016	2	1
12	KNDC3DLCXN	KIA	EV6	2022	2	1
13	1G1RB6S59J	CHEVROLET	VOLT	2018	1	2
14	5YJSA1CG3D	TESLA	MODEL S	2013	1	1
15	1FADP3R48H	FORD	FOCUS	2017	2	1

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Favorite Question

How many cars with VIN numbers starting with a 5 are battery electric vehicles within the area code 94014 that are eligible for clean alternative fuel?

If I Had More Time:

Included other fields that I deleted from the original database Find interesting connections and relationships

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