

### 1. EV adoption Over the Year

```
3 select modelyear as year,count(state) as Number_of_vehicle_registered from ev group by modelyear;
```

Data Output Messages Notifications

	year character varying (10)	number_of_vehicle_registered bigint
1	1997	1
2	1998	1
3	1999	5
4	2000	7
5	2002	2
6	2003	1
7	2008	19
8	2010	23
9	2011	775
10	2012	1614
11	2013	4399
12	2014	3496
13	2015	4825
14	2016	5469
15	2017	8534
16	2018	14286
17	2019	10913
18	2020	11740

### 2. Top Cities in Top Counties by EV Registrations

Query Query History

```
1 select count(state)as NumberOf_vehicle_Reg, city from ev group by city Order by count(state) desc limit 5;
```

Data Output Messages Notifications

	numberof_vehicle_reg bigint	city character varying (50)
1	29447	Seattle
2	8930	Bellevue
3	6477	Redmond
4	6193	Vancouver
5	5863	Bothell

### 3.Distribution of Electric Vehicle Types

```
1 select count(modelyear),electricvehicletype from ev group by electricvehicletype;
```

Data Output Messages Notifications

	count bigint	electricvehicletype character varying (40)
1	138946	Battery Electric Vehicle (BEV)
2	38526	Plug-in Hybrid Electric Vehicle (PHEV)

## 4. Top 10 Popular EV Maker

[Query](#) [Query History](#)

```
1 select count(modelyear)as NumberOf_vehicle_Reg,maker from ev group by maker order by count(state) desc limit 10;
```

[Data Output](#) [Messages](#) [Notifications](#)

	numberof_vehicle_reg bigint	maker character varying (20)
1	79471	TESLA
2	13984	NISSAN
3	13651	CHEVROLET
4	9177	FORD
5	7556	BMW
6	7423	KIA
7	6254	TOYOTA
8	4993	VOLKSWAGEN
9	4468	JEEP
10	4398	HYUNDAI

## 5. Average Electric Range by Model Year

[Query](#) [Query History](#)

```
1 select modelyear,avg(electricrange)as Avg_Electric_range from ev group by modelyear ;
```

[Data Output](#) [Messages](#) [Notifications](#)

	modelyear character varying (10)	avg_electric_range numeric
1	1997	39.0000000000000000
2	1998	58.0000000000000000
3	1999	74.0000000000000000
4	2000	58.0000000000000000
5	2002	95.0000000000000000
6	2003	95.0000000000000000
7	2008	220.0000000000000000
8	2010	226.0869565217391304
9	2011	70.8916129032258065
10	2012	61.1722428748451053
11	2013	79.8222323255285292
12	2014	80.7983409610983982
13	2015	98.2611398963730570
14	2016	101.1971109892119217
15	2017	114.1622920084368409
16	2018	156.1659666806663867
17	2019	176.9189040593787226
18	2020	238.7489778534923339
19	2021	11.4026648481351309

## 6. Top 10 EV Model

Query Query History

```
1 select model,count(modelyear)as numner_of_vehicleRegistered from ev group by model order by count(modelyear)desc limit 10;
```

Data Output Messages Notifications

	model character varying (50)	numner_of_vehicleRegistered bigint
1	MODEL Y	35921
2	MODEL 3	30009
3	LEAF	13352
4	MODEL S	7711
5	BOLT EV	6811
6	MODEL X	5784
7	VOLT	4782
8	ID.4	3928
9	WRANGLER	3382
10	MUSTANG MACH-E	3316