

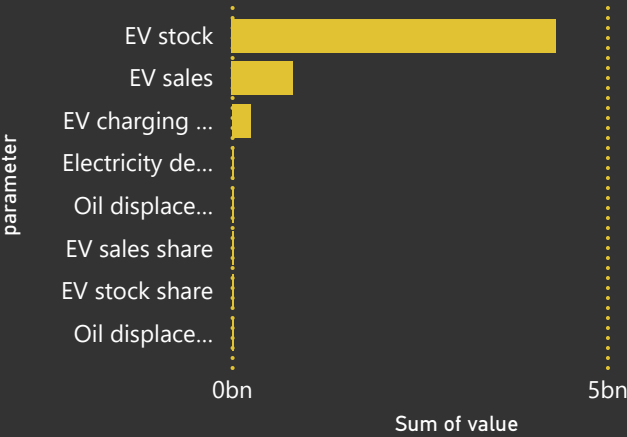
Global EV sales 2010 - 2023

Count of EV Modes

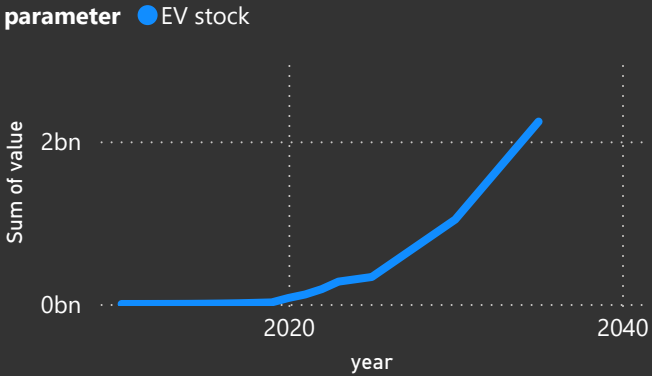
12.65K

Buses

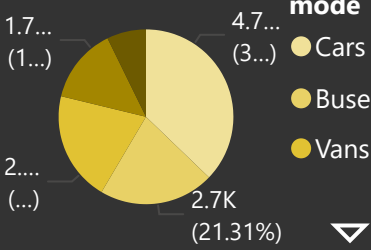
Sum of value by parameter



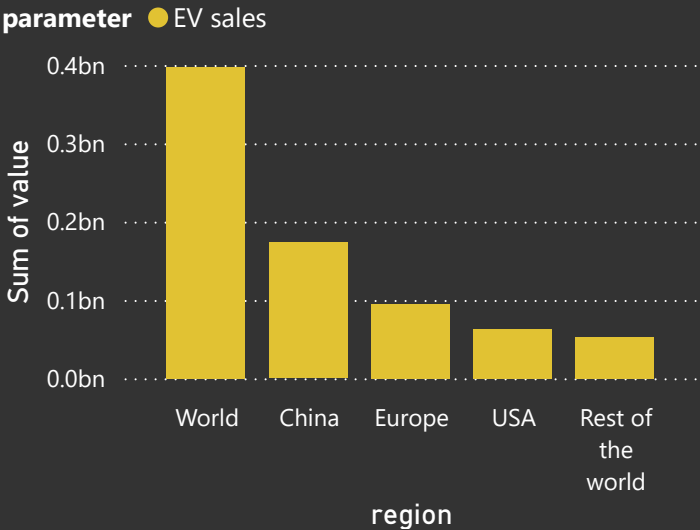
Count of stock by year



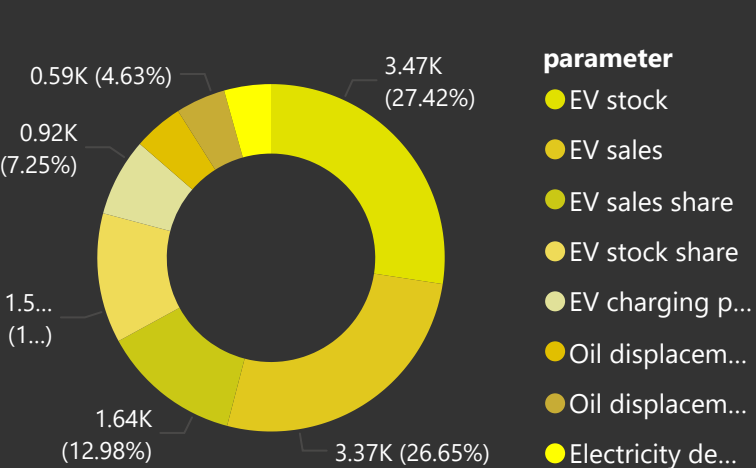
Distribution of EV Modes



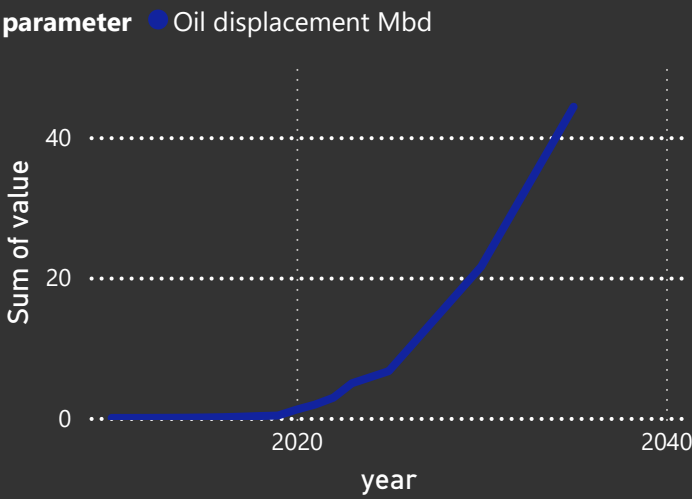
Highest EV sales by region



Distribution of Parameters



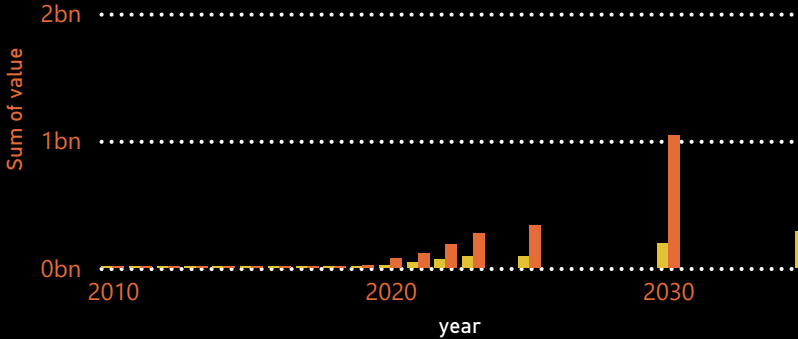
Distribution of Oil displacement Mbd by using EVs



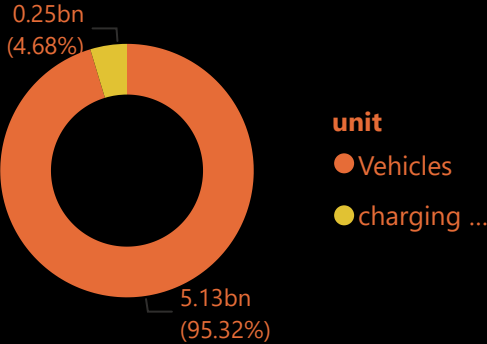
Stocks and Sales Analysis

Comparison of sales and stocks by year

parameter ● EV sales ● EV stock

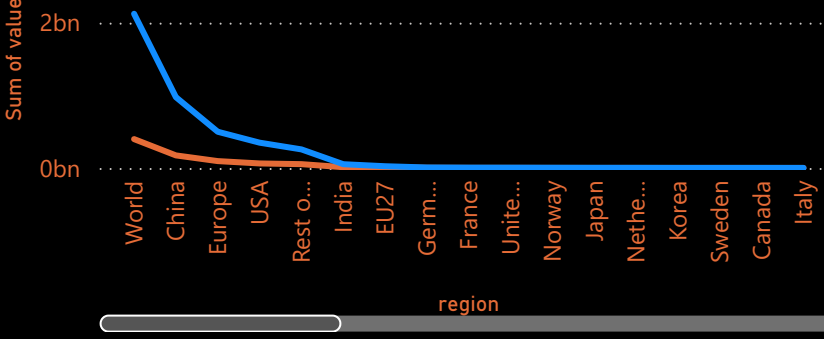


Comparison of vehicles & charging points



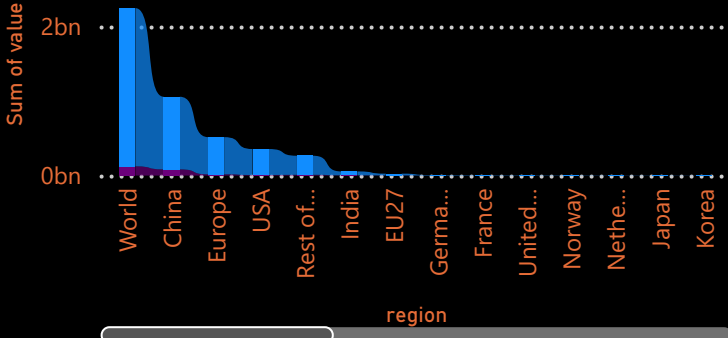
Stocks vs Sales by region

parameter ● EV sales ● EV stock



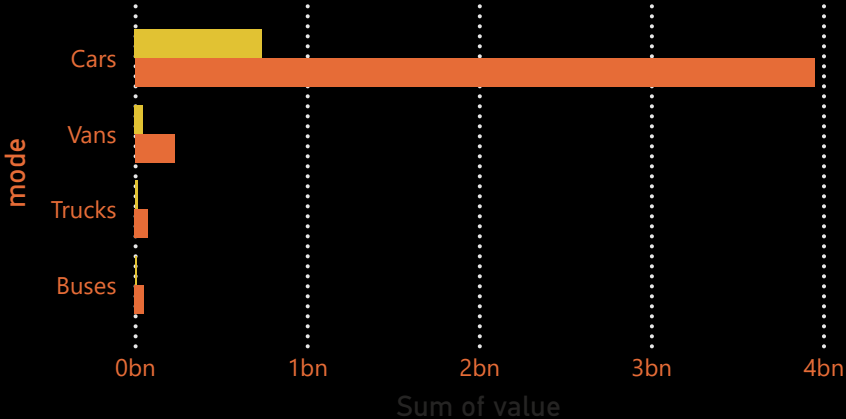
Sum of value and Count of parameter by region and parameter

parameter ● EV charging points ● EV stock



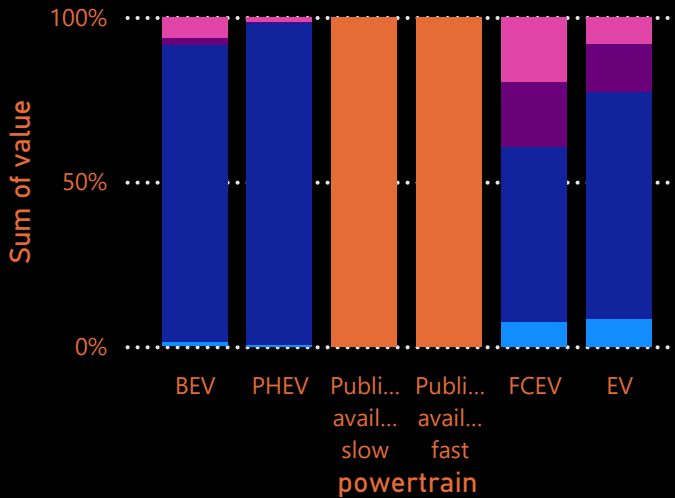
Stock vs Sales by mode and parameter

parameter ● EV sales ● EV stock



Sum of value by powertrain and mode

mode ● Buses ● Cars ● EV ● Trucks ● Vans



Oil displacement & Electricity demand Analysis

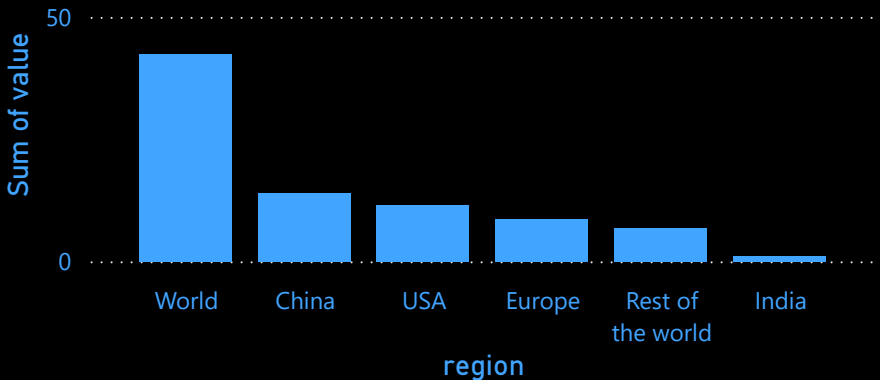
Sum of parameter

5.41bn

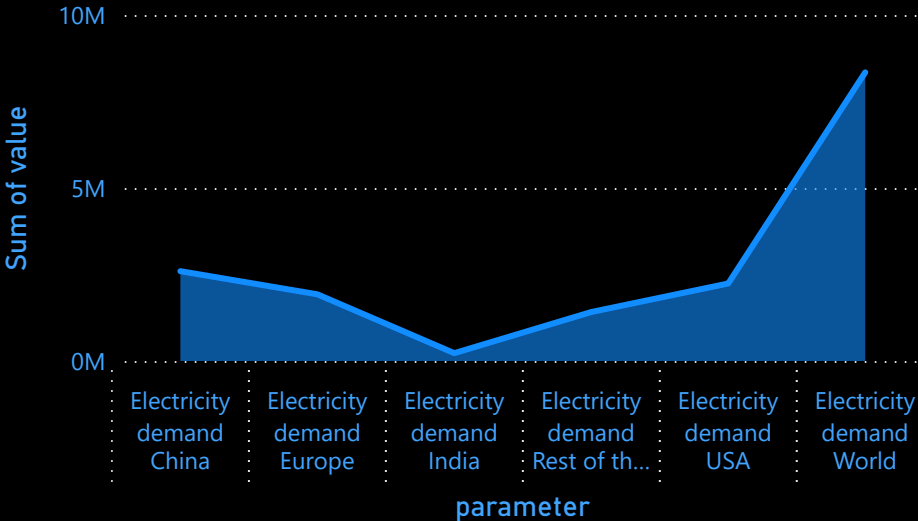
Electricity
demand

Oil Displacement by Electric Vehicles Across Regionss

unit ● Million barrels per day

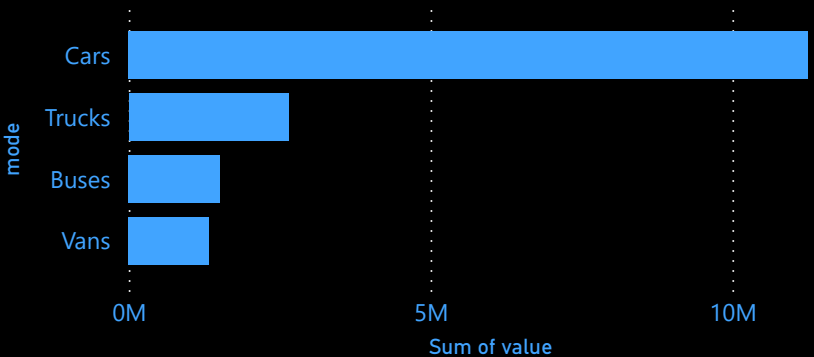


Electricity demand by regions

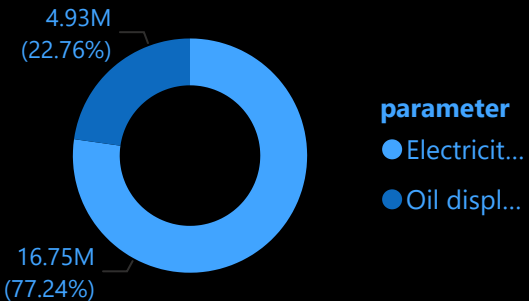


Distribution of Electricity demand on various modes

parameter ● Electricity demand

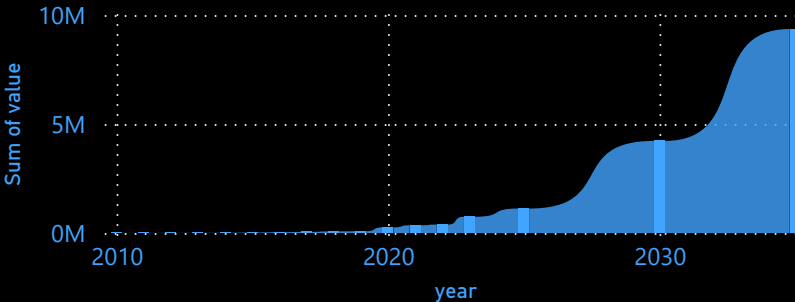


Comparison between oil displacement vs Electricity demand



Electricity demand by years

parameter ● Electricity demand



Conclusion

- 1 . EV Sales** grew from **10K in 2010** to **351K in 2014**, with annual growth rates often exceeding **150%**, showing a sharp rise in consumer adoption.
- 2 . EV Stock** (total vehicles on road) climbed from **37K to nearly 792K**, expanding by over **20×** in just five years.
- 3 . Electricity Demand** from EVs increased from **1,924 GWh in 2010** to **4,814 GWh in 2014**, with annual growth around **35–40%**, showing rising energy needs to power vehicles.
- 4 . Oil Displacement** data (from the larger dataset) typically mirrors this trend — each year, EV adoption reduced **oil consumption demand**, highlighting EVs' role in **lowering fossil fuel dependency**.%