

Energy Usage

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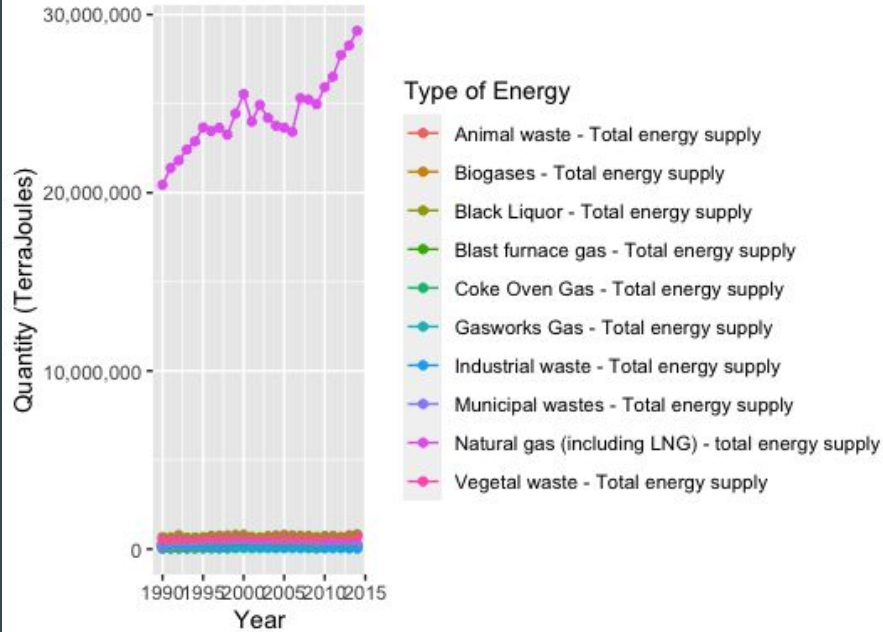
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Initial Idea

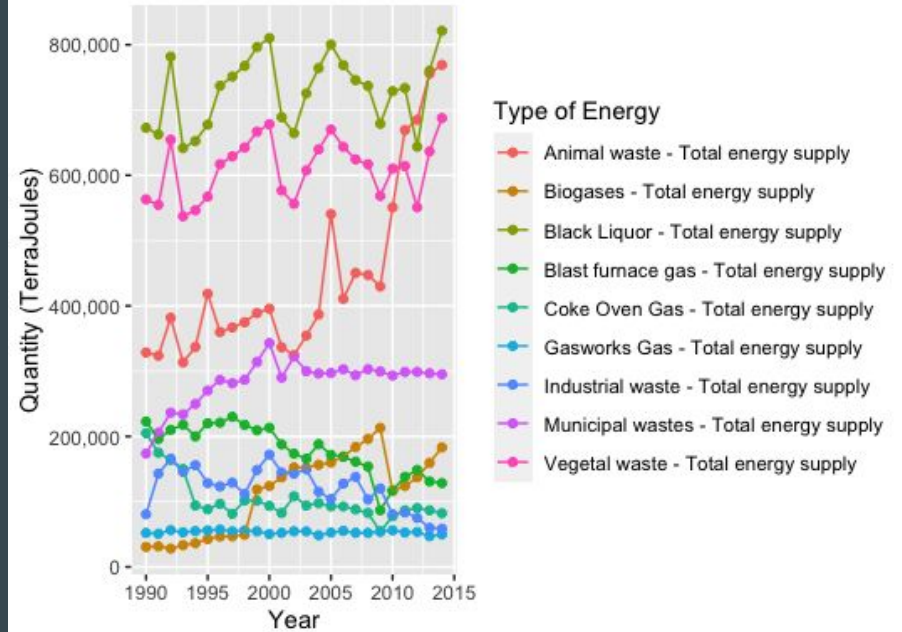
- We just thought of random things to compare, to see if there could be any connections
- Correlation between gas/electricity usage and car prices
- Found data from various databases
 - One of the energy dataset was from the United Nations Global energy trade & production 1990-2014
 - Another dataset for gas/electricity was from the United State's government database
 - Car datasets were from Kaggle
 - Internet usage was from OurWorldInData's database
 - Electricity Cost and Computer Usage was from Statista

Types of Energy

Type of Energy over time

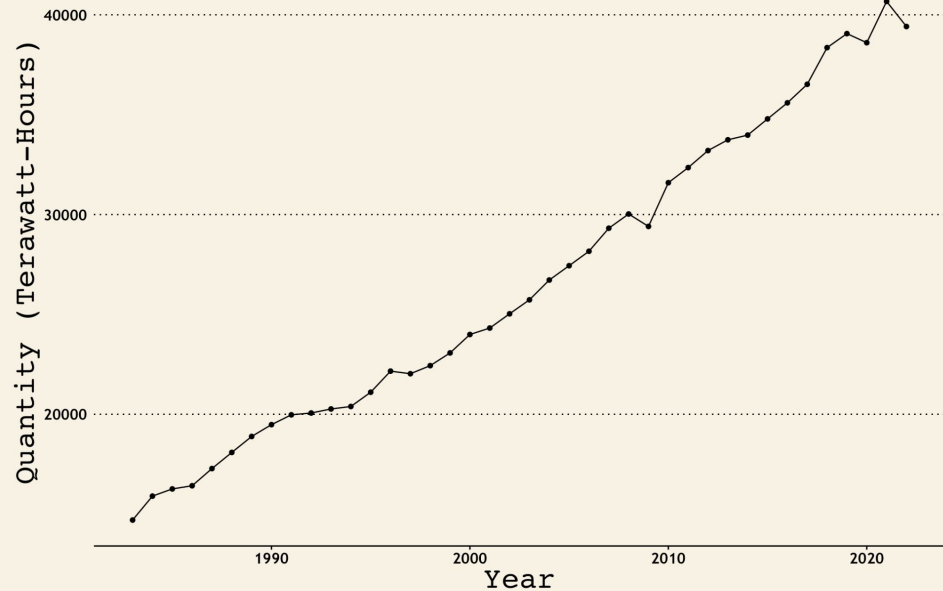


Type of Energy (except Natural Gas) over time

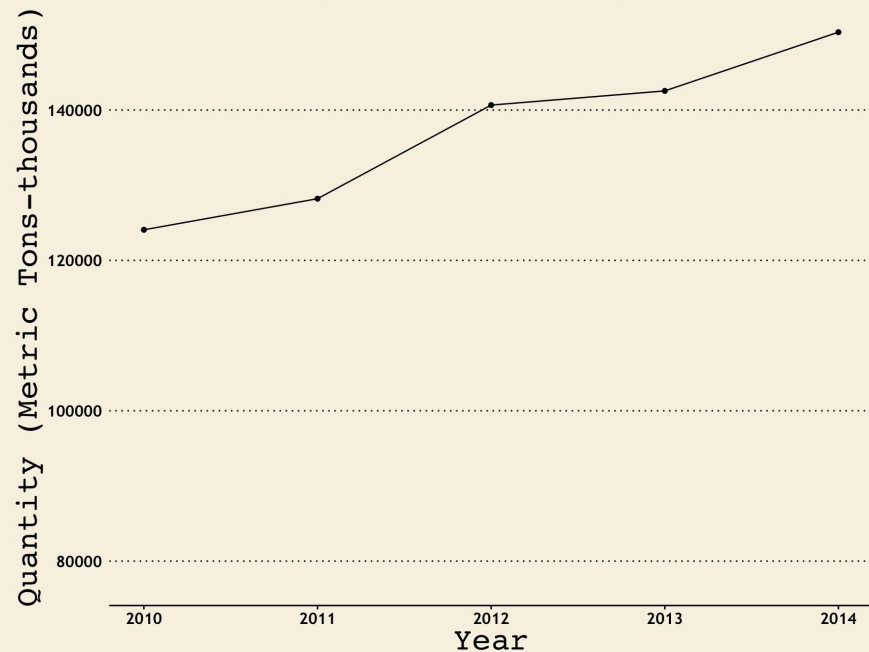


Gas Usage

Gas Usage per Year in America
General Usage

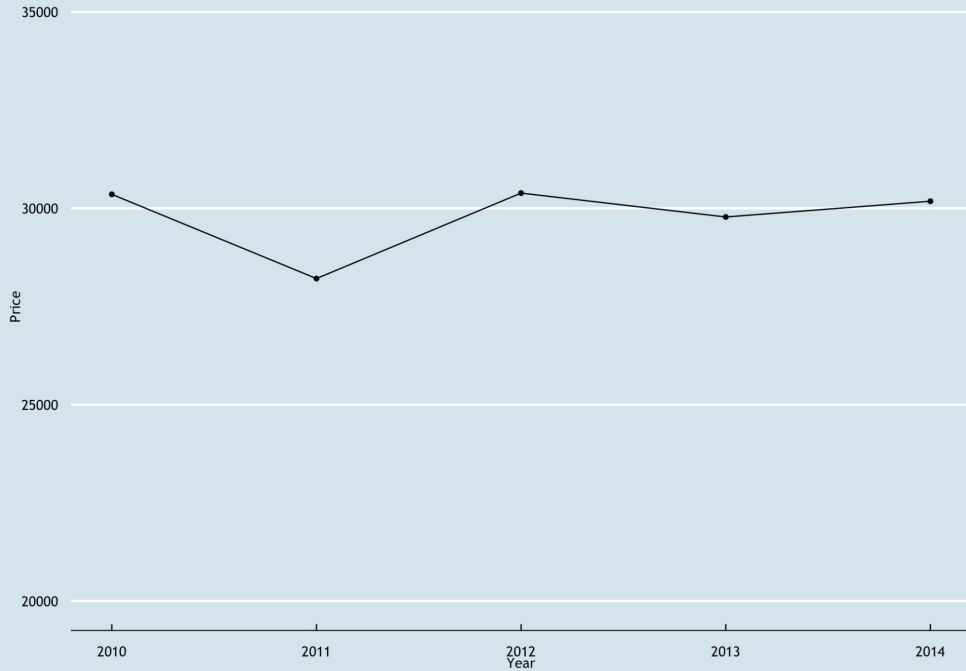


Gas Usage per Year in America
Specifically used for transportation

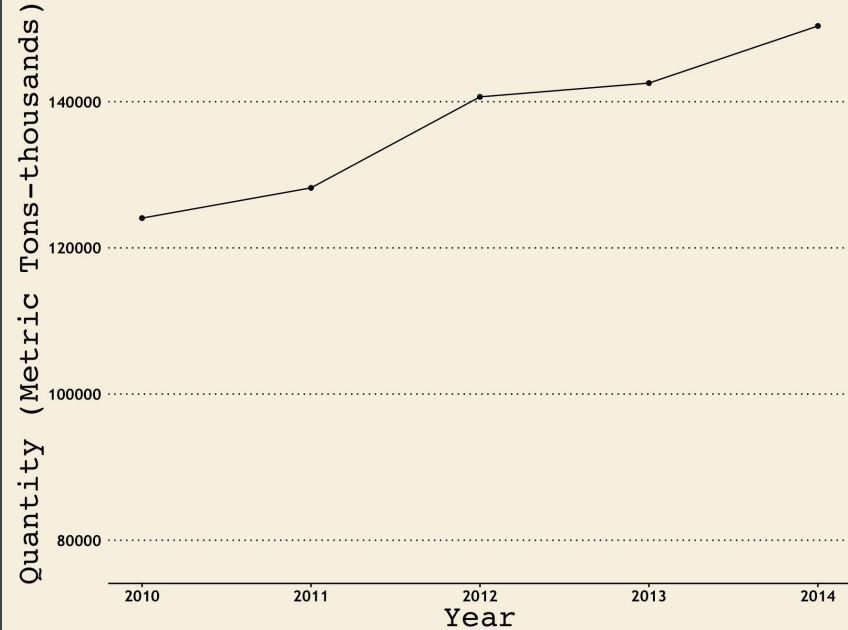


Gas Usage and Gas Car Prices

Average Gas Car Cost per Year



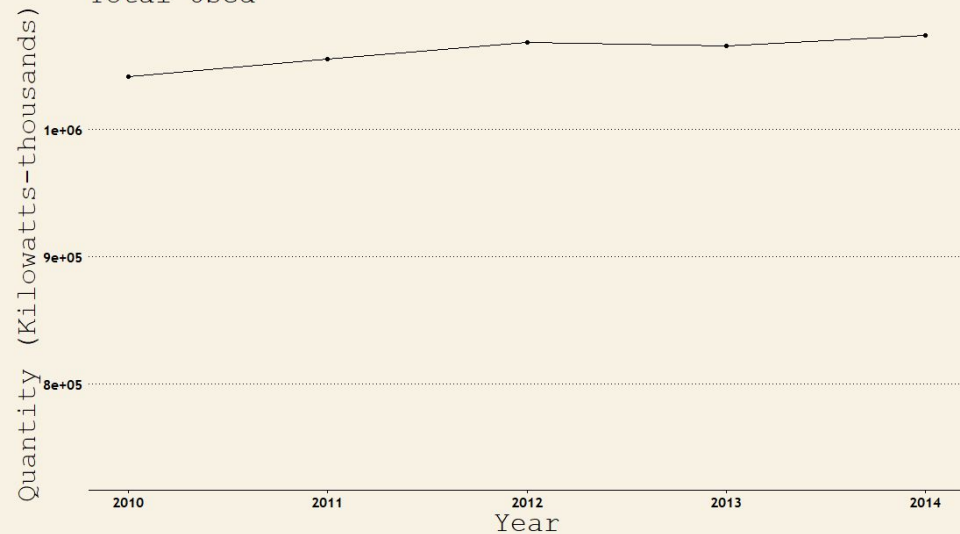
Gas Usage per Year in America
Specifically used for transportation



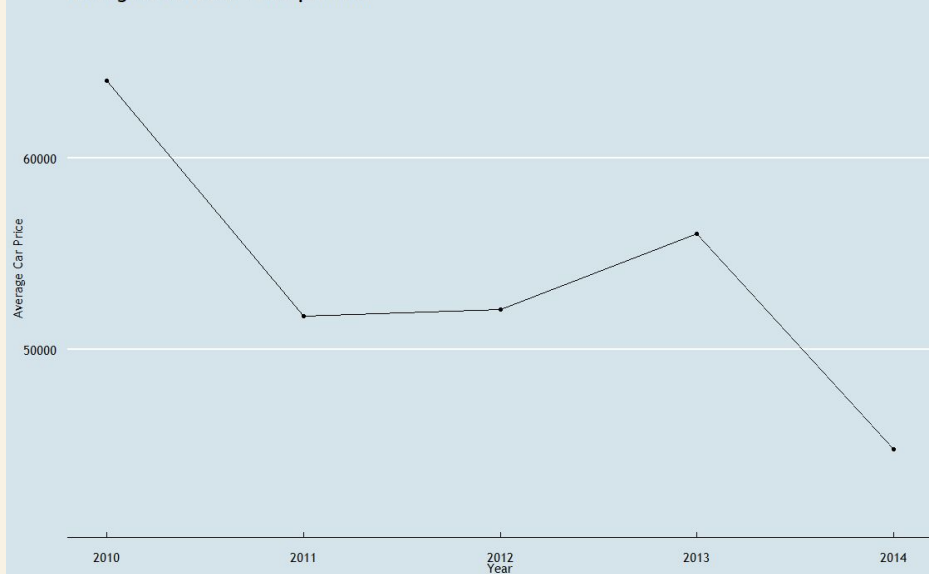
Electricity Usage and Electric Car

Electric Usage per Year in America

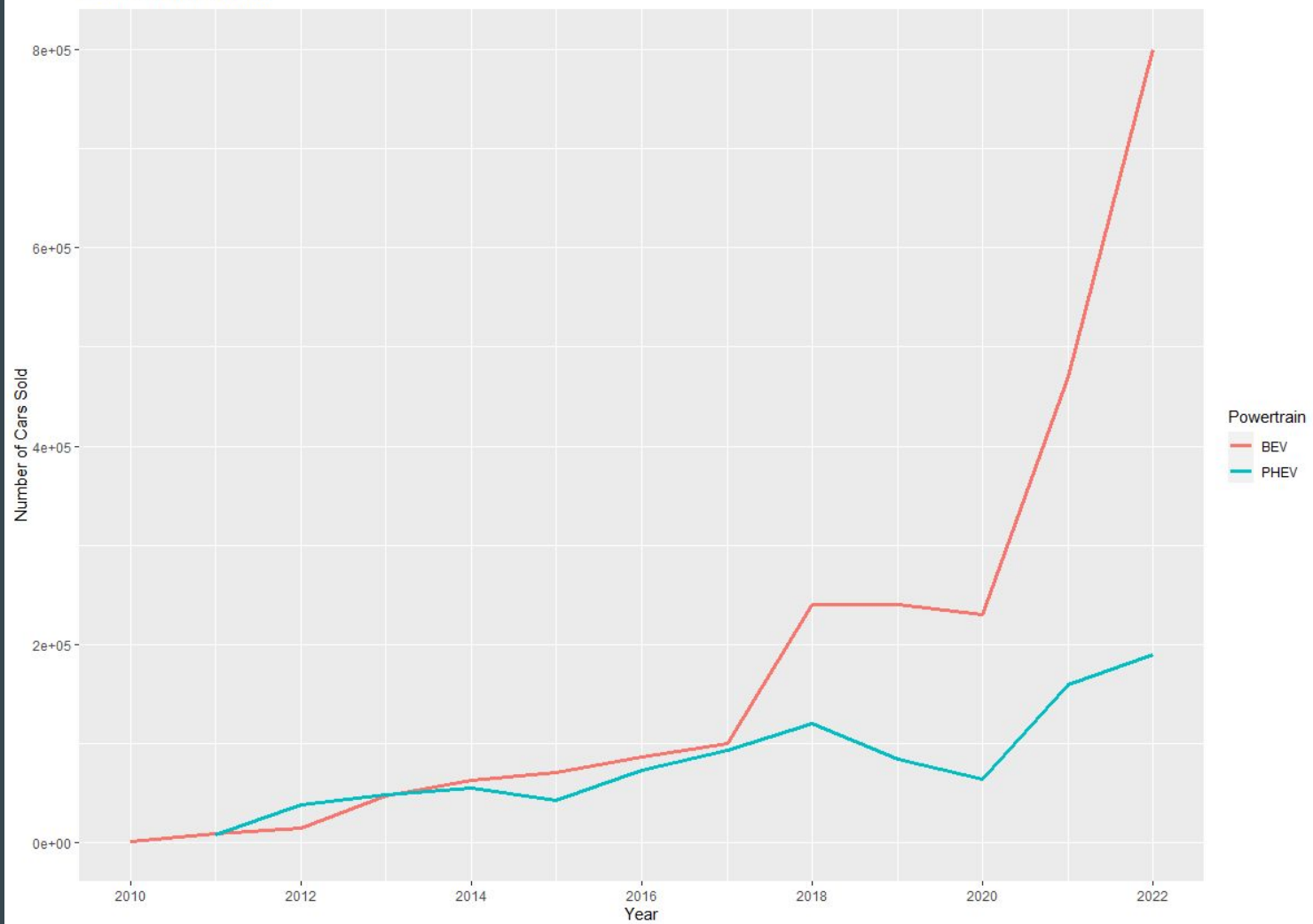
Total Used



Average Electric Car Price per Year



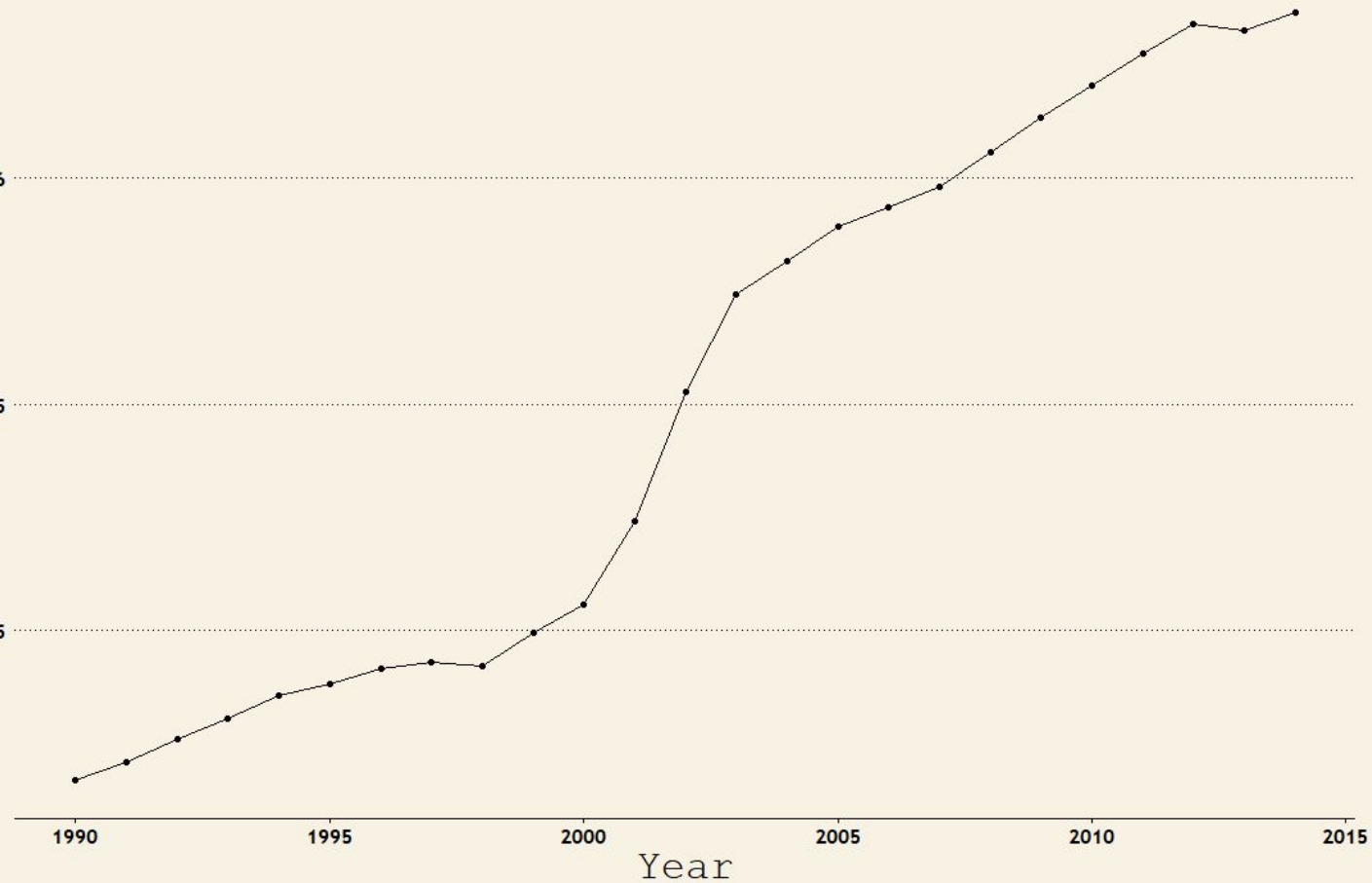
Electric Vehicle Sales



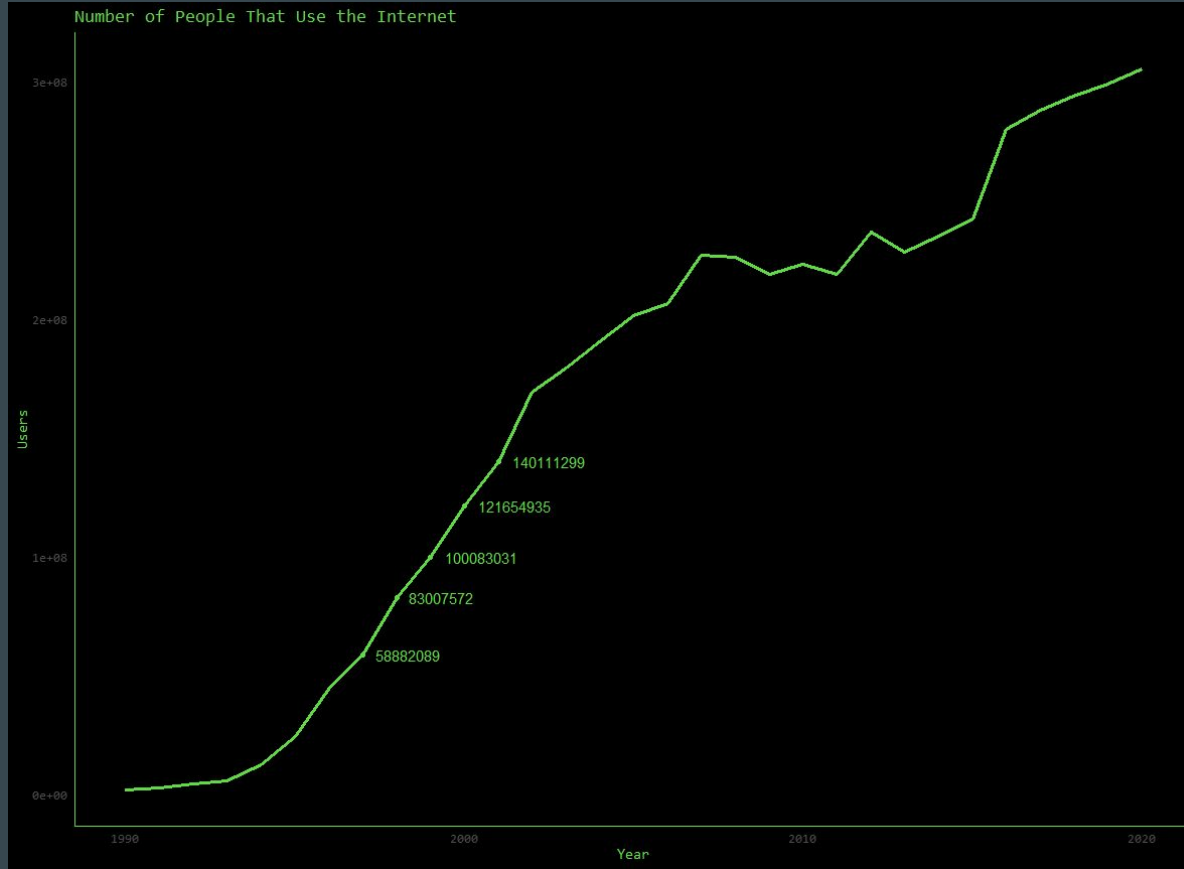
Electric Usage per Year in America

Total Used

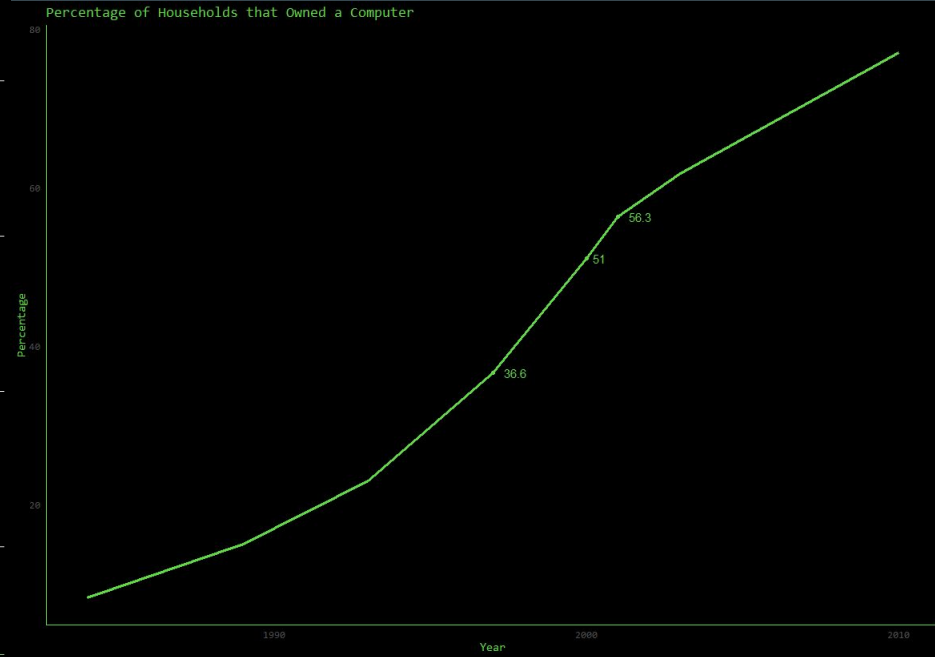
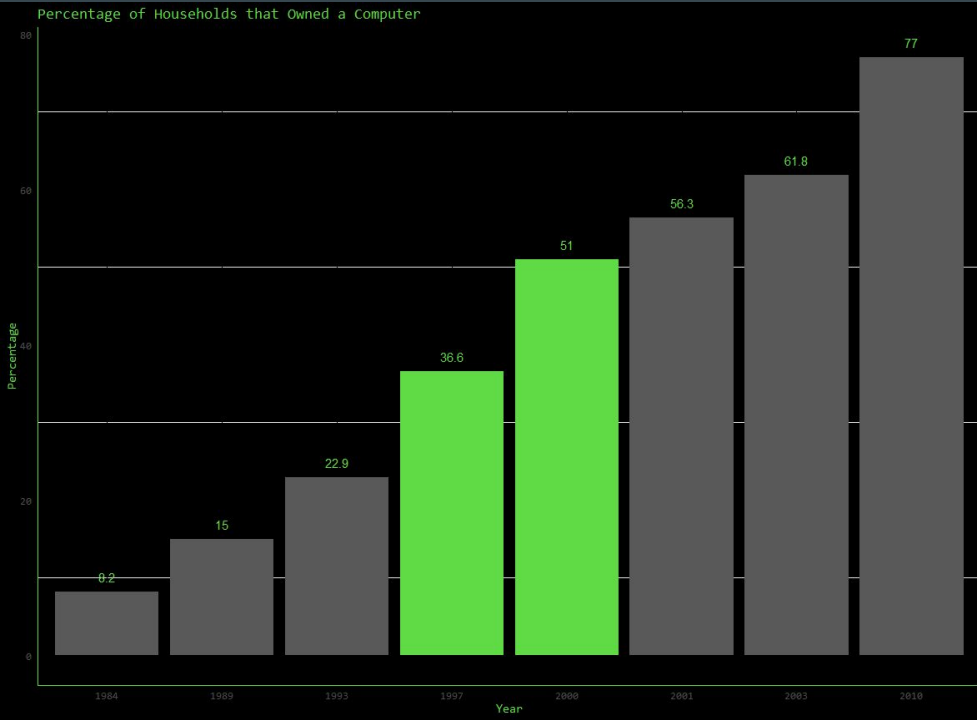
Quantity (Kilowatts-thousands)



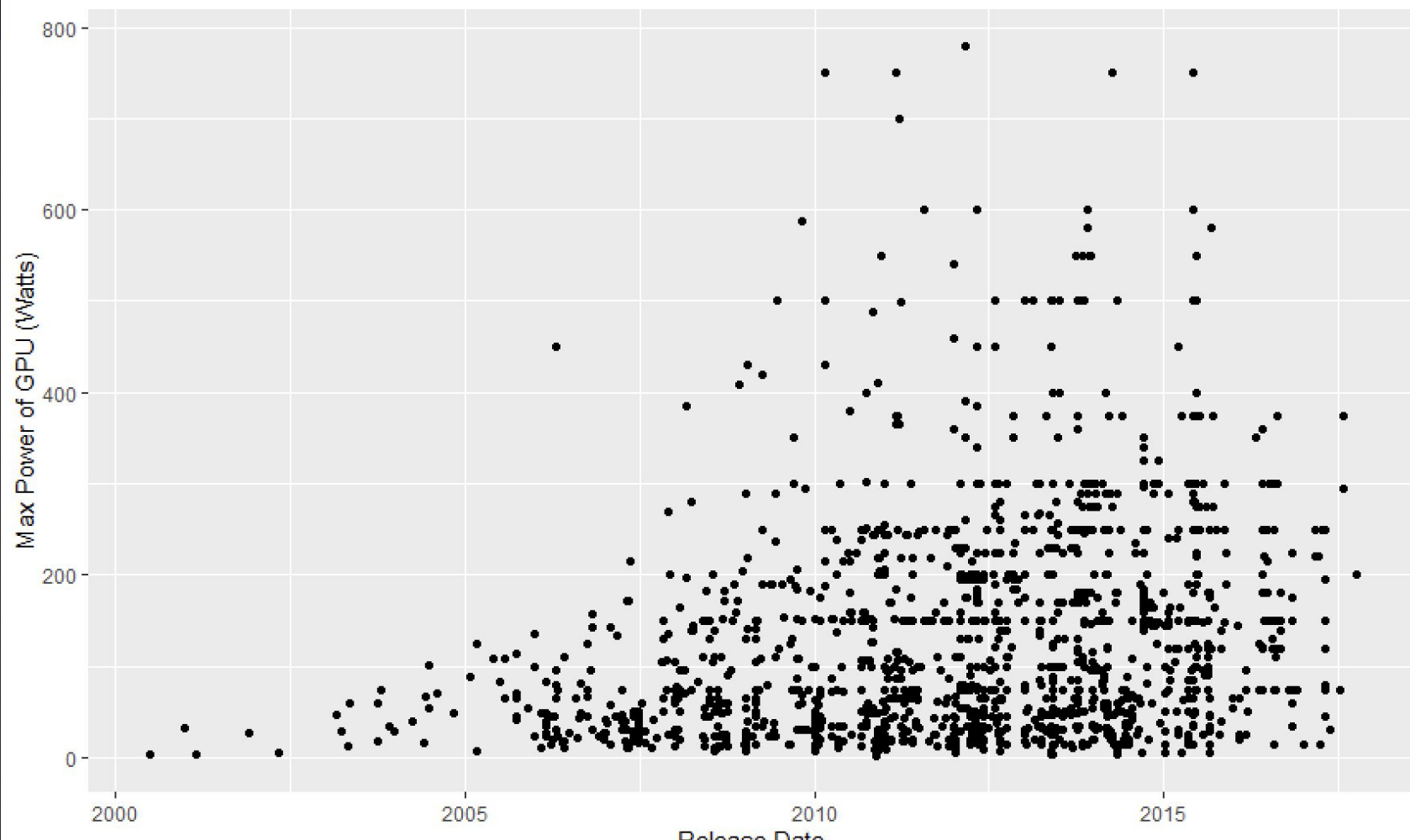
Internet Usage from 1997-2001



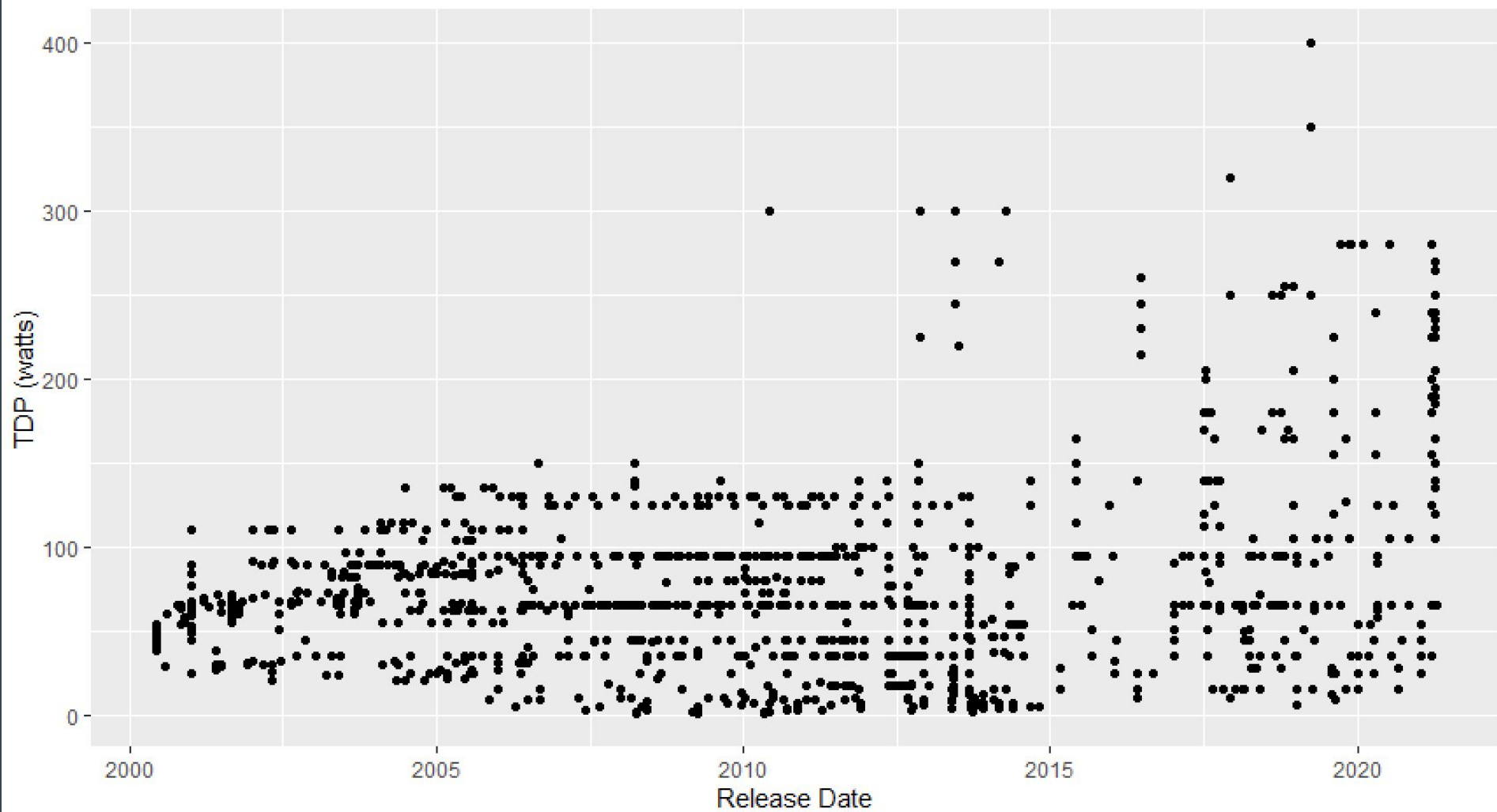
Computer usage on the rise



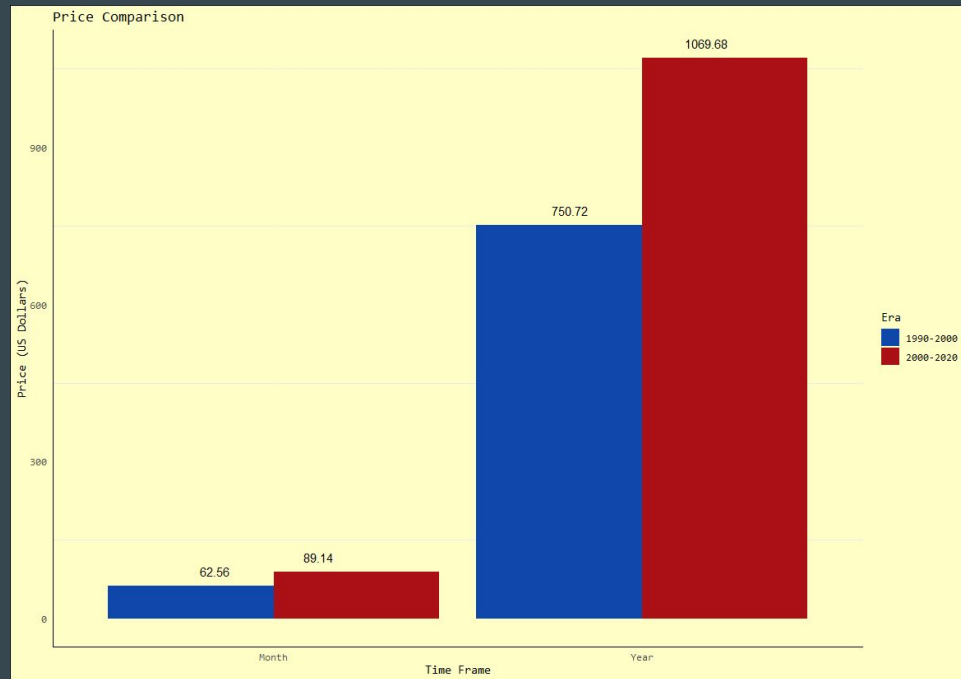
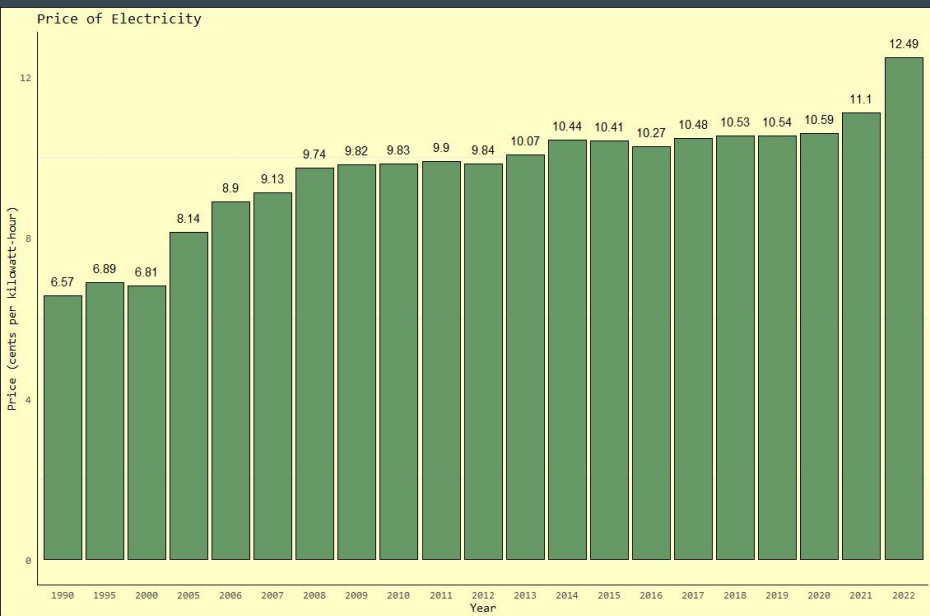
GPU Max Power over time



CPU TDP over time



Electricity Prices



Conclusions

- There was a spike in electricity usage around the early 2000s
- Publication of the Internet
- Computers started to become more accessible to the everyday person