Quick Guides

- **Crash Course on R:** https://www.youtube.com/watch?v=eR-XRSKsuR4&ab_channel=RProgramming101
- **R for Beginners:** https://www.youtube.com/watch?v=9kYUGMg_14s&list=PLtL57Fdbwb_Chn-dNR0qBjH3esKS2MXY3&ab_channel=RProgramming101
- **Hands on Programming:** https://rstudio-education.github.io/hopr/
- **R-Markdown:** https://www.youtube.com/playlist?list=PLsv_JAbk3R1EUsqw-OVAM9ixcTw52IQ0o
- **Roughly follows class structure: R for Data Science:** https://r4ds.had.co.nz/
- **Visualization:** https://rkabacoff.github.io/datavis/index.html
- **Visualization (cont.):** https://clauswilke.com/dataviz/visualizing-amounts.html
- **Watch people code:** https://www.rscreencasts.com/
- **Most comprehensive source:** https://www.bigbookofr.com/data-science.html#r-for-data-science
- **Playlist on Basics of Statistics using R:** https://www.youtube.com/watch?v=qBigTkBLU6g&list=PLblh5JKOoLUK0FLuzwntyYI10UQFUhsY9&ab_channel=StatQuestwithJoshStarmer
- **Playlist on Basics of using Regression:** https://www.youtube.com/watch?v=PaFPbb66DxQ&list=PLblh5JKOoLUIzaEkCLIUxQFjPIIapw8nU&ab_channel=StatQuestwithJoshStarmer
- **Playlist on Basics of Machine Learning using R:** https://www.youtube.com/watch?v=0Jp4gsfOLMs&list=PLblh5JKOoLUJJpBNfk8_YadPwDTO2SCbx&ab_channel=StatQuestwithJoshStarmer
- **Use ChatGPT:** https://openai.com/blog/chatgpt

Data Sources

- https://data.austintexas.gov/Environment/Water-Quality-Sampling-Data/5tye-7ray
- https://data.gov/
- https://data.world/
- https://data.cms.gov/
- https://data.cityofchicago.org/Health-Human-Services/Food-Inspections/4ijn-s7e5
- https://www.ssa.gov/open/data/
- http://personality-testing.info/_rawdata/
- Any other data sources like Kaggle.com or any other that you can find.