

# Data Science Tools

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## 1 Data Science Tools

- ggplot2: visualization package in R(Tidyverse).
- matplotlib: graphics package for Python.
- Plots.jl: graphics package for Julia.
- Tableau: produces interactive data visualization products
- Data transformation: Structured Query Language(SQL)
- Web scraping: rvest(R), BeautifulSoup(Python)
- Gumbo.jl(Julia), and Cascdia.jl(Julia)
- APIs
- Resilient Distributed Datasets(RDDs): for handling large data sets
- Statistical analysis: Stata, SAS, SPSS, Matlab, and JavaScript
- Statistical modeling: to use data to test theories, explain and predict behavior

## 2 References

- Lecture 4. Dr. Ransom Econ 5253 Feb 04, 2023