1. Main Tools of a Data Scientist

The main tools of a Data Scientist include the following:

1. Measurement - how insights or policies are constructed
2. Statistical Programming Languages - including but not limited to R, Python and Julia
3. Web Scraping - through the use of APIs or Parsing
4. Handling large data sets - through the use of RDDs and SQL
5. Visualization - through ggplot2 in R or even more business friendly options such as Tableau or Power BI
6. Modeling - completed after the data is collected, cleaned and visualized. Used to test theories, predict, or explain behaviors