**Python Libraries**

* scientific computing libraries
  + pandas
    - data structures and tools
  + NumPy
    - Arrays and matrices
* Visualization libraries
  + Matplotlib
    - Plots and graphs
  + Seaborn
    - Heat maps, time series, violin plots
* Machine learning and deep learning
  + Scikit-learn
    - Machine learning: regression, classification, clustering
  + Keras
    - Deep learning neural networks
  + TensorFlow
    - Deep learning: production and deployment
  + PyTorch
    - Deep learning: regression, classification
* Apache spark
  + General purpose cluster-computing framework
  + Scala libraries
    - Vegas for statistical data visualizations
    - Big DL for deep learning
* R Libraries
  + Ggplot2 for data visualization in R
  + Libraries that allow you to interface with Keras and TensorFlow