**Intro to Hadoop & MapReduce**

Provided by - Udacity (Cloudera)

Cost - Free

Duration - 4 weeks

Link - <https://www.edx.org/course/analyzing-visualizing-data-excel-microsoft-dat206x-1>

**Data Visualization & Communication with Tableau**

Provided by - Coursera (Duke Univ)

Cost - Free

Duration - 5 weeks

Link - [Data Visualization and Communication with Tableau | Coursera](https://www.coursera.org/learn/analytics-tableau)

**Analyzing & Visualizing Data with Excel**

Provided by - edX (Microsoft)

Cost - Free ($99 for verified certificate)

Duration - 6 weeks

Link - <https://www.edx.org/course/analyzing-visualizing-data-excel-microsoft-dat206x-1>

**SQL - Stanford**

Provided by - Stanford

Cost - Free

Duration - Self-Paced

Link - [https://lagunita.stanford.edu/courses/DB/SQL/SelfPaced/about](https://www.edx.org/course/analyzing-visualizing-data-excel-microsoft-dat206x-1)

**Introduction to Python and Data Science**

Provided by - edX (Microsoft)

Cost - Free ($99 for verified certificate)

Duration - 6 weeks

Link - [https://www.edx.org/course/introduction-python-data-science-microsoft-dat208x](https://www.edx.org/course/analyzing-visualizing-data-excel-microsoft-dat206x-1)

**Introduction to R Programming**

Provided by - edX (Microsoft)

Cost - Free ($99 for verified certificate)

Duration - 6 weeks

Link - <https://courses.edx.org/courses/course-v1:Microsoft+DAT204x+3T2015/info>

**Foundations of Data Analysis - Part 1: Statistics Using R**

Provided by - edX (UT Austin)

Cost - Free ($49 for verified certificate)

Duration - Self-Paced (6 weeks approx.)

Link - <https://www.edx.org/course/foundations-data-analysis-part-1-utaustinx-ut-7-11x->0

**Data Science Specialization** - Comprises of 10 Courses along with a Capstone project

Each of these courses may be taken individually as well for individual certificates, but all of them need to be completed for the Specializtion.

Provided by - Cousera (John Hopkins)

Cost - Free ($49 for each course if pursuing specialization)

Duration - 1 month (each); 2 months for Capstone Project

Link - <https://www.coursera.org/specializations/jhu-data-science>

**Mining Massive Datasets**

Provided by - Stanford

Cost - Free

Duration - Self-Paced

Link - <https://lagunita.stanford.edu/courses/course-v1:ComputerScience+MMDS+SelfPaced/about>

**Machine Learning by Andrew Ng**

Provided by - Coursera (Stanford)

Cost - Free

Duration - 3 months

Link - <https://www.coursera.org/learn/machine-learning>