BEGINNER’S DATA SCIENCE LEARNING PLAN FOR 2017
Plan to learn data science in a year
First introspect why do you want to become a data scientist.

Getting started & testing the waters
- Find out what is data science.
- Skills required to become a data scientist.
- Attend meetups.
- Interact with experienced people to understand the life of a data scienti

Basics of Mathematics & Statistics
- Descriptive Statistics Course by Coursera
- Introduction to Probability - The science of uncertainty Course by edX
- Inferential Statistics Course by Udacity
- Linear Algebra Course by Khan Academy
- Structural Thinking blogs by Analytics Vidhya

Feb - March

Choose your tool – R or Python
- Interactive Intro to R programming language by DataCamp
- Exploratory Data Analysis by Coursera
- R from scratch and Data in R Guides by Analytics Vidhya
- Follow R bloggers

Learn R
- Intro to R for Data Science Course by DataCamp
- Intro to Data Analysis Course by Udacity

Learn Python
- Intro to Python for Data Science Course by DataCamp
- Python for Data Science Guide, Data Exploration & Visualization in Python Guide by Analytics Vidhya

April – May

Feature Selection:
- Data Exploration & Feature Selection Guide from Analytics Vidhya

June – Aug

Basic & advanced machine learning tools
- Machine Learning course by Coursera
- Machine Learning Classification by Coursera
- Intro to Machine Learning by Udacity
- Blogs & Guide by Analytics Vidhya, machine learning mastery

Book

Feb – March

July

Aug

Sept – Oct

Now – Dec

Building Your Profile
- Github Profile building
- Practice via Competition on - Analytics Vidhya, Datahack, Kaggle Competitions, Crowd Analytics
- Discussion Forum – Analytics Vidhya Discussion portal, Kaggle Discussion, Stack Exchange

Applying for Jobs & Internships
- Identify the right jobs for you and apply here.
- Analytics Vidhya Job Portal
- Datajobs
- Kaggle Job Portal
- Internshala

Start your data science Career
All the Best!

For More Amazing Infographics, Visit
http://www.analyticsvidhya.com