

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.

January

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 scientist



Feb – March

Basics of Mathematics & Statistics

- Descriptive Statistics Course by Udacity
- Introduction to Probability – The science of uncertainty Course by edX
- Inferential Statistics Course by Udacity
- Linear Algebra Course by Khan Academy
- Structured Thinking blogs by Analytics Vidhya



Choose your tool – R or Python

Learn R

- Interactive Intro to R programming language by Data Camp
- Exploratory Data Analysis by Coursera
- R from scratch and Data in R Guides by Analytics Vidhya
- Follow R-bloggers



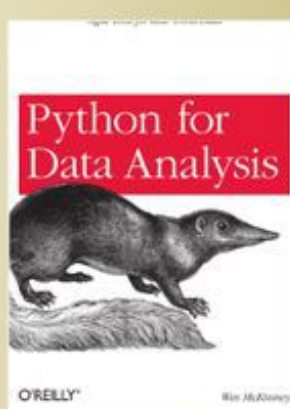
Learn Python

- Intro to Python for Data Science Course by Datacamp
- Intro to Data Analysis Course by Udacity
- Python for Data Science Guide, Data Exploration & Visualization in Python Guide by Analytics Vidhya.

Feature Selection:

- Data Exploration & Feature Selection Guide from Analytics Vidhya

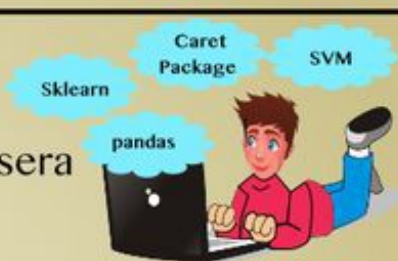
Book



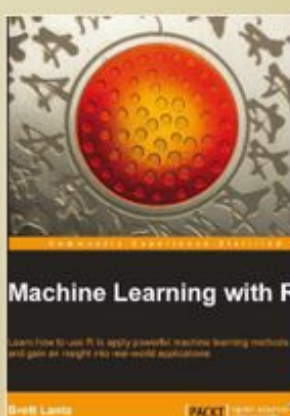
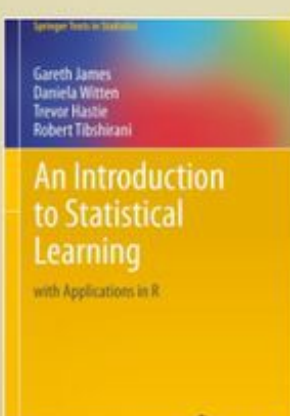
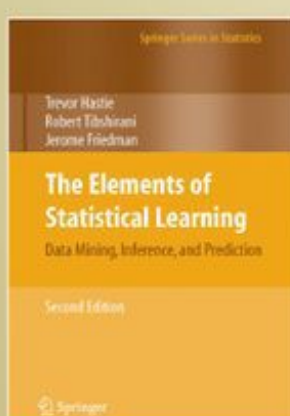
June – Aug

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



Sept – Oct

Building Your Profile

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

Analytics Vidhya
Learn Everything About Analytics



Nov-Dec

Apply 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

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