

180 DAYS DATA SCIENCE STUDY PLAN

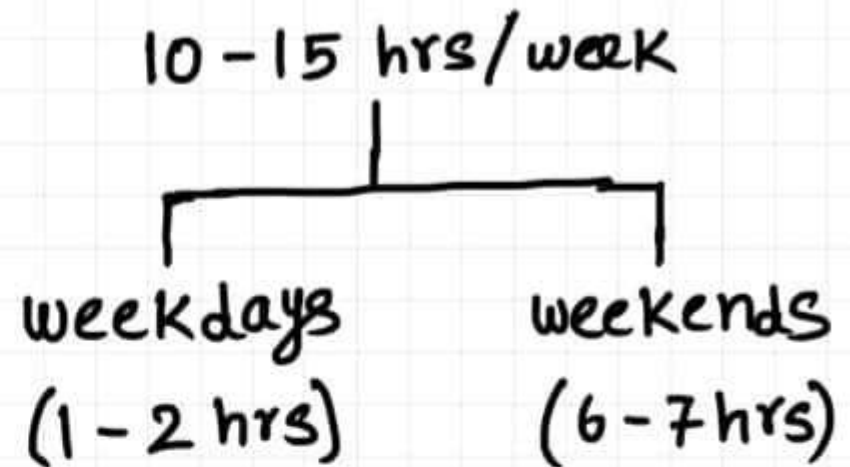
... — DATA SCIENCE JOURNEY — ...

DATA SCIENCE STUDY PLAN

PREREQUISITIES:

- Laptop (4 GB RAM)
- Internet
- Resources

PREPARATION TIME:



1ST MONTH

Day 1-15 - Learn Python for Data Science.

Day 16-30 - Master Statistics for Data Science.

2ND MONTH

Day 31-45 - Explore Python Packages (Numpy, Pandas, Matplotlib, Seaborn, Scikit-learn).

Day 46-60 - Implement EDA on real-world datasets.

3RD MONTH

Day 61-75 - Focus on ML algorithms (Linear & Logistic Regression, Decision Trees, Random Forest).

Day 76-90 - Implement ML prediction algorithm on real-world datasets.

DATA SCIENCE STUDY PLAN

4TH MONTH

Day 91-105 - Focus on un-supervised ML algorithms (clustering, Principal Component Analysis).

Day 106-120 - Learn Apriori algorithm, Recommender System, Anamonly Detection).

5TH MONTH

Day 121-135 - Ensemble learning, Stacking, Optimization techniques, Model deployment.

Day 136-150 - Implement a deployable ML algorithm on real problems & datasets.

6TH MONTH

Day 151-180

1. Build GitHub profile.
2. Build Strong Portfolio.
3. Write well-researched articles on Medium, LinkedIn, Blogs).