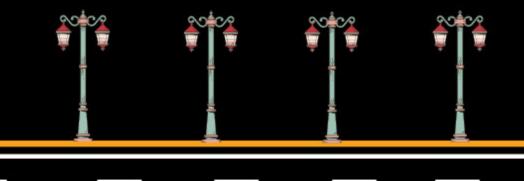


A Comprehensive Learning Path to Become a



January

- What do data scientists do?
- Python for data science
- Pandas and Numpy
- Matplotlib and Seaborn
- Regular Expressions

February

- Data Visualization
 Tools
- Introduction to Tableau
- Different charts in Tableau
- SQL for Data Science



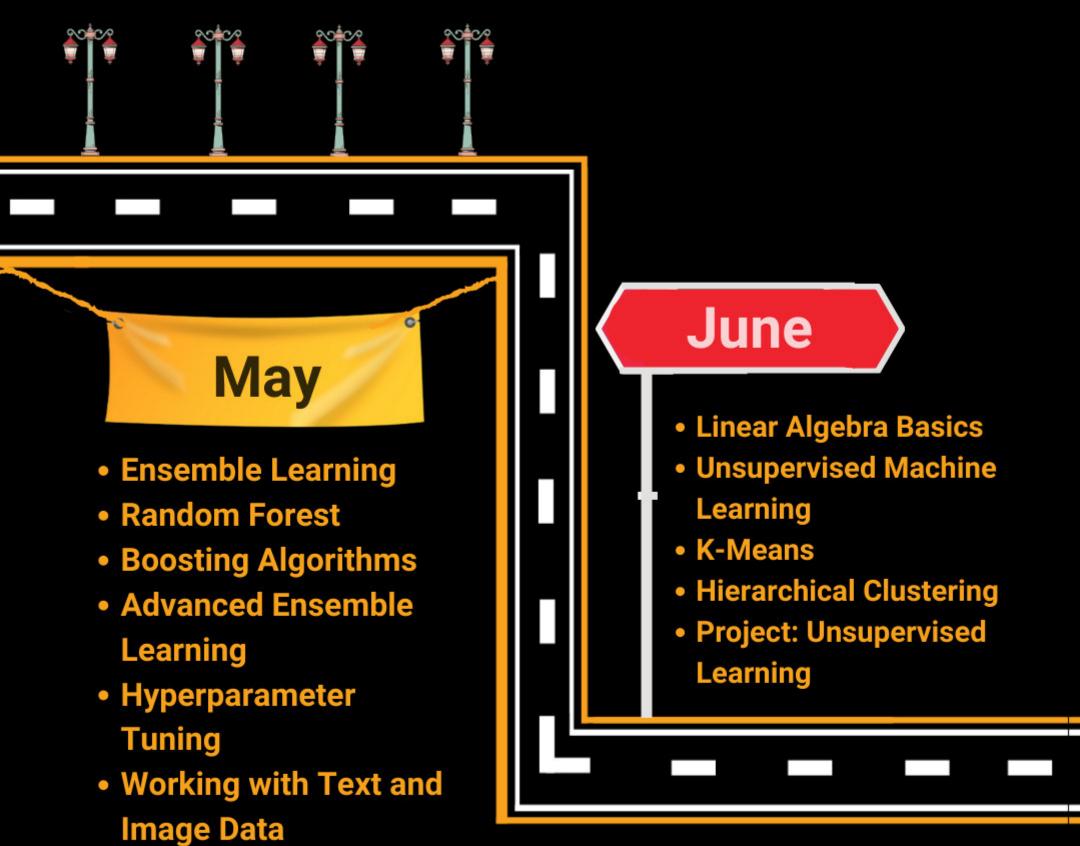
March

- Importance of Statistics
- Descriptive Statistics
- Introduction to Probability
- Inferential Statistics
- Exploratory Data Analysis (EDA)

April

- Machine Learning Pipeline
- Linear Regression
- Logistic Regression
- Decision Tree
- Naive Bayes
- Support Vector Machines (SVM)
- Structured Thinking:
 Art of Storytelling







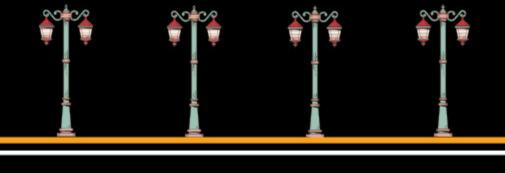
July

- Matrix Algebra
- SVD and PCA
- Recommender Sytems
- Project: Recommender System

August

- Work with Time Series
 Data
- Time Series Forecasting Techniques
- Project: Time Series





September

- Introduction to Deep Learning
- Deep Learning Architectures: MLP and CNN
- Project: Image Classification
- Transfer Learning
- Object Detection
- Project: Object Detection

October

- Basics of Natural Language Processing (NLP)
- Deep Learning Architectures: RNN, LSTM, GRU
- Project: Text Classification



November

- Streamlit for Model Deployment
- Amazon Web Services (AWS)
- Deploying models using Flask

December

 Apply for Internships and Jobs

