Data Structures	8/14
String Manipulation	1/2
Functions	2/8
Modules, Packages and Standard Libraries	1/6
Handling Text Files in Python	0/2
Introduction to Python Libraries for Data Science	0/2
Python Libraries for Data Science	0/8
Reading Data Files in Python	0/9
Preprocessing, Subsetting and Modifying Pandas Dataframes	0/10
Sorting and Aggregating Data in Pandas	0/11
Visualizing Patterns and Trends in Data	1/8
Machine Learning Lifecycle	0/2
Problem statement and Hypothesis Generation	0/7
Importance of Stats and EDA	0/6
Understanding Data	0/7
Probability	0/8
Exploring Continuous Variable	0/17
Exploring Categorical Variables	0/5
Missing Values and Outliers	0/6

Central Limit theorem	0/5
Bivariate analysis - Introduction	0/1
Continuous - Continuous Variables	0/7
Continuous Categorical	0/10
Categorical Categorical	0/4
Multivariate Analysis	0/2
Assignments	0/2
Build Your First Predictive Model	0/12
Evaluation Metrics	0/20
Preprocessing Data	0/11
Build Your First ML Model: k-NN	1/13
Selecting the Right Model	0/17
Linear Models	0/27
Project: Customer Churn Prediction	0/2
Dimensionality Reduction (Part I)	0/19
Decision Tree	0/17
Feature Engineering	0/25
Share your Learnings	0/1
Project: NYC Taxi Trip Duration prediction	0/3

Working with Text Data	0/21
Naïve Bayes	0/9
Multiclass and Multilabel	0/4
Project: Web Page Classification	0/3
Basics of Ensemble Techniques	0/7
Advance Ensemble Techniques	0/30
Project: Ensemble Model on NYC Taxi Trip Duration Prediction	0/2
Share your Learnings	0/1
Hyperparameter Tuning	0/5
Support Vector Machine	0/7
Working with Image Data	0/9
Project: Malaria Detection using Blood Cell Images	0/3
Advance Dimensionality Reduction	0/16
Unsupervised Machine Learning Methods	0/20
Working with Large Datasets: Dask	0/9
Automated Machine Learning	0/5
Introduction to Neural Network	0/14
Forward and Backward Propagation	0/12
Activation Functions	0/12

Optimizers	0/8
Loss Function	0/4
Project: NN on structured Data	0/14
Assignment 1 - Big Mart	0/1
Model Deployment	0/12
Interpretability of Machine Learning Models	0/9

Introduction to Machine Learning Interpretability

VIDEO · 5 MIN

Quiz: Introduction to ML Interpretability

QUIZ · 1 QUESTION

Framework and Interpretable Models

VIDEO · 6 MIN

Model Agnostic Methods for Interpretability

VIDEO · 5 MIN

Quiz: Model Agnostic Methods for interpretability

 $\text{QUIZ} \cdot \text{2 QUESTIONS}$

Implementing Interpretable Model

TEXT

Quiz: Implementing Interpretable model

QUIZ · 2 QUESTIONS

Implementing Global Surrogate and LIME

TEXT

Quiz: Implementing Global Surrogate and LIME

QUIZ · 1 QUESTION