

Topics	Sub Topics	No of Hours	Pending no of hours	Status	Date of completion
Course Introduction	Course Introduction	1			
Python For Data Science	Introduction to Programming	1.5			
	Programming Environment Setup	1.5			
	OOPs concept with Python	4			
	Programming Fundamentals of Python	10			
	Data Structures	4			
	File handling, Exception handling, and Package handling	3			
Data Analytics Overview	Data Analytics Overview	2			
Statistics Essential	Statistical Computing	8			
Python Libraries	Mathematical Computing using NumPy	4			
	Data Manipulation with Pandas	5			
	Data visualization with Python	4			
Tableau	Getting Started with Tableau	2			
	Core Tableau in Topics	3			
	Creating Charts in Tableau	3			
	Working with Metadata	2			
	Filters in Tableau	3			
	Applying Analytics to the Worksheet	3			
	Dashboards in Tableau	4			
	Modifications to Data Connections	3			
	Introduction to Level of Details in Tableau (LODS)	3			
Machine Learning	Introduction to Artificial Intelligence and Machine Learning	2			
	Data Wrangling and Manipulation	4			
	Feature Engineering	4			
	Supervised Learning -Regression	6			
	Supervised Learning-Classification	8			
	Unsupervised Learning-Clustering	8			
	Time Series Modelling	8			
	Ensemble Learning- Bagging Boosting	5			
	Recommendation Systems	6			
SQL	Introduction to SQL	2			
	Database Normalization and Entity Relationship (ER) Mode	2			
	installation and SetUp	2			
	Working with Databases and Tables	4			
	Working with Operators, Constraints, and Data Types	3			
	Functions in SQL	3			
	Subqueries, Operators, and Derived Tables in SQL	4			
	Windows Functions in SQL	3			
	Working with Views	4			
	Stored Procedures and Triggers in SQL	4			
	Performance Optimization and Best Practices in SQL	4			
	Total Number of Hours	160			