

Table 1

SI No	Topic		Specialty	Training Efforts Estimation (In hrs)			
	Data Engineering with AI/ML						
1	Using Hadoop's Core: HDFS & MapReduce		HDFS	10 Days			
2	Programming Hadoop with PIG						
3	Programming Hadoop with Spark						
4	Using Relational Data Stores with Hadoop						
5	Using Non-Relational Data Stores with Hadoop						
6	Interactive Data Querying		Drill / Phoenix / Presto / Hive	2 Days			
7	Managing your Cluster		Hadoop Cluster	3 Days			
8	Feeding Data to your Cluster						
9	Spark Basics & RDD Interface		Spark / PySpark / Databricks	12 Days			
10	SparkSQL, DataFrames & DataSets						
11	Running Spark on Cluster						
12	Machine Learning with Spark ML						
13	PySpark Fundamentals						
14	Analyzing Streams of Data						
15	Azure Databricks						
16	Designing Real-World Systems		Use Case Implementation	2 Days			
17	Data Mining with Tableau		Visualization	3 Days			
18	Simple Linear Regression		Modelling	7 Days			
19	Multiple Linear Regression						
20	Polynomial Regression						
21	Decison Tree Regression						
22	Evaluating Regressions Models Performance						
23	BI Tools		ETL using SQL Server / SSIS	5 Days			
24	ETL Phase 1						
25	ETL Phase 2						
26	SQL Programming for Data Science						
27	ETL Phase 3						
28	Handling Erros dusring ETL Phases						
29	Data Proessing in Python		Data Processing	2 Days			
30	Data Proessing in R						
31	MS Azure Fundamentals		Cloud Data Analytics	10 Days			
32	Azure Data Lake						
33	Azure Synapse						
34	Azure Data Factory						
35	Intro to ChatGPT and AI		Generative AI	8 Days			
36	Generative AI with Google						
37	Snowflake Fundamentals			5 Days			
38	Scala concepts		Scala	10 Days			
				72 Days			

Table 1

	.Net Full-Stack Developer			
	C# Programming	5 Days		
	ASP.Net Core	5 Days		
	ASP.Net MVC 5			
	API Development in ASP.Net Core	5 Days		
	Entity Framework Core			
	ADO.Net	10 Days		
	Entity Framework 6			
	TFS			
	WCF, WPF			
	Microsoft Azure	10 Days		
	JavaScript - Basics jQuery - Basics AJAX - Basics with JS, jQuery/AJAX, Consuming REST Angular 9 ReactJS	10 Days		
	Node JS - NPM, Basics, JSON processing, Routing MongoDB MEAN / MERN Stack	5 Days		
	.Net Testing with NUnit 3	5 Days		
	AWS Basics			
	TOTAL	45 Days		

Table 1

	Golang Developer			
	Core Go Language	10 Days		
	OO Design Patterns in GO	5 Days		
	Sudoku Solver	2 Days		
	GO + Postgre SQL	2 Days		
	Web Applications using GO + Blog Web App	10 Days		
	Testing GO Apps	5 Days		
	DevOps and Security for GO Apps	5 Days		
	GO + AWS			
	Hands-on GO Apps, Tips & Tricks	3 Days		
		42 Days		

Table 1

	Python Full-Stack / Python AWS						
	Introduction to Python		Basics	Python Django Framework		Frameworks for Enterprise Application Development	
	Python Data Types			Python Flask Framework			
	Python Exception Handling			Python / MongoDB			
	Program Flow Control			Node.js		UI Development	
	Functions, Modules & Packages			ReactJS			
	File Operation			Python / Docker		DevOps & Cloud	
	Python OOPs Concepts			Python / Jenkins			
	Python Mail API		Application Development	AWS			
	Python / DB Integration			Deploying Python App on AWS			
	Debugging Python Programs						
	Multithreading in Python						
	Package Installation & XLS integration		Architectural & Design Patterns				
	Microservices Architecture						
	Design Patterns using Python		Analytics				
	Machine Learning						
	Python Data Analysis						