

Date	Trainer	Duration	Topic	Module
7 October	Intellipaat Team	3	Linux Installation	Linux
8 October	Intellipaat Team	3	SQL Installation	SQL
9 October	Indstry Expert	3	SQL	SQL
15 October	Indstry Expert	3	SQL	SQL
16 October	Indstry Expert	3	SQL	SQL
22 October	Indstry Expert	3	SQL	SQL
23 October	Intellipaat Team	3	SQL	SQL
29 October	Indstry Expert	3	SQL	SQL
4 November	Indstry Expert	3	SQL	SQL
5 November	Intellipaat Team	3	SQLHandson	SQL
11 November	Intellipaat Team	3	SQL Case study	SQL
12 November	Intellipaat Team	3	Python Basics	Python
18 November	Indstry Expert	3	Python Basics	Python
19 November	Indstry Expert	3	Python Basics	Python
25 Nov	Indstry Expert	3	Python basics Handson	Python
26 Nov	Indstry Expert	3	Oops	Oops
2 Dec	Indstry Expert	3	Oops	Oops
3 Dec	Indstry Expert	3	Oops Handson	Oops
9 Dec	Indstry Expert	3	Numpy	Numpy
10 Dec	Indstry Expert	3	Pandas	Pandas
16 Dec	Indstry Expert	3	Visualization	Visualization
17 Dec	Indstry Expert	3	Visualization	Visualization
23 Dec	Intellipaat Team	3	Numpy Handson	Numpy
24 Dec	Intellipaat Team	3	Pandas Handson	Pandas
30 Dec	Intellipaat Team	3	Visualization Handson	Visualization
31 Dec	Intellipaat Team	3	HR Analytics - Old	HR Analytics - Old
6 Jan	Industry Expert	3	Linear Algebra	Linear Algebra
7 Jan	Intellipaat Team	3	Statistics Basics	Statistics Basics
13 Jan	IIT Prof	2	Probabilty	Probabilty
14 Jan	IIT Prof	2	Probabilty	Probabilty

20 Jan	IIT Prof	2	Probability	Probability
21 Jan	Industry Expert	3	Business problem on HR Analytics using Peopels Charm Dataset - Project	Business problem on HR Analytics using Peopels Charm Dataset - Project
27 Jan	IIT Prof	2	Linear Regression - Creating linear regression models for linear data using statistical tests, data preprocessing, standardization, normalization - Introduction to ML - What is linear regression?"	ML
28 Jan	Intellipaat Team	3	Predicting Insurance Premium Charges using Linear Regression	ML
3 Feb	Dr.Priyanka	2	Logistic Regression - Creating logistic regression models for classification problems – such as if a person is diabetic or not, if there will be rain or not - Supervised Learning- Logistic Regression	ML
4 Feb	Intellipaat Team	3	Logistic regression Case study on Insurance Dataset	ML
10 Feb	Intellipaat Team	3	Logistic regression Case study on Insurance Dataset	ML
11 Feb	Industry Expert	3	Decision Tree - Creating decision tree models on classification problems in a tree like format with optimal solutions. Random Forest -random forest approach towards the problems - Decision Tree, Random Forest, Performance measures	ML
17 Feb	Intellipaat Team	3	Using Decision Tree to predict the patients having Heart Disease	ML
18 Feb	Intellipaat Team	3	Business problem on telecom dataset using Random Forest	ML
24 Feb	IIT Prof	2	Unsupervised learning - k means	ML
25 Feb	Intellipaat Team	3	Project on Census income Dataset - Project	ML
2 Mar	Intellipaat Team	3	The k-means algorithm that can be used for clustering problems in an unsupervised learning approach.	ML
3 Mar	Intellipaat Team	3	KMeans Hands-on on Online Retail Dataset	ML

9 Mar	Intellipaat Team	3	Analysing The Covid-19 Trend using Python - Project	ML
10 Mar	Intellipaat Team	3	Project on Netflix Recommendation Engine using SVD - project	ML
16 Mar	IIT Prof	2	PCA (Dimentionality Reduction) - PCA"	ML
17 Mar	Intellipaat Team	3	PCA Handson using the online sklearn Digits dataset	ML
23 Mar	IIT Prof	2	IIT Prof-LDA (Dimentionality Reduction) - LDA"	ML
24 Mar	Intellipaat Team	3	LDA Handson using the online sklearn Digits dataset	ML
30 Mar	IIT Prof	2	Timeseries - Time Series forecasting	ML
31 Mar	IIT Prof	2	Timeseries - Time Series forecasting	ML
6 Apr	IIT Prof	2	Timeseries - Time Series forecasting	ML
7 Apr	Intellipaat Team	3	Forecasting the Airline Passanger Count using Timeseries	Forecasting the Airline Passanger Count using Timeseries
13 Apr	Intellipaat Team	3	Practice Quiz Python	Practice Quiz Python
14 Apr	Intellipaat Team	3	Main Quiz	Main Quiz
20 Apr	Industry Expert	3	Module 1 (Introduction to Deep Learning)- Gentle Introduction to Deep Learning & Artificial Intelligence,Use cases of DL in industry,Difference between DS, ML, DL & AI,Lifecycle of Deep Learning Project	AI
21 Apr	Industry Expert	3	Module 2 (Introduction to Neural Networks) - How DL was derived from human nervous system,Single Cell (perceptron),Multi cell perceptron Topology, Build a NN from scratch (using numpy),Build a NN with LR,Activation Function.	AI

27 Apr	Industry Expert	3	Module 3 (Introduction to NN Framework) - The war of NN Frameworks,Introduction to TensorFlow Introduction to Keras (official API for TF),Sequential Modeling	AI
28 Apr	Industry Expert	3	Module 4 (Introduction to Fully Connected NN) - Introduction to Images & cv2,Build a single hidden layer NN using Keras (MNIST),Understanding the topology & various parameter in building a NN	AI
4 May	Industry Expert	3	Module 5 (Introduction to Convolutional NN) - Introduction to Kaggle,Understanding the curse of Flattening,Introduction to Convolutional Neural Network,Math of Filter/ Kernel,Reduction: Pooling, Batch Normalization & Dropout	AI
5 May	Industry Expert	3	Module 6 (Post Modeling Activities)- Augmentation, Train large image model in batches,TensorBoard: Large model performance monitoring	AI
11 May	Industry Expert	3	Module 7 (Learning from Pre Built models) - The concept of Transfer Learning, VGG,Use VGG16 to Transfer Learn,Transfer Learning Vs Fine Tuning	AI
12 May	Industry Expert	3	Module 8 (Recurrent Neural Networks) - The problem with CNN, Understanding RNN & LSTM	AI
18 May	Industry Expert	3	Module 9 (Introduction to NLP) - Introduction to NLTK,Text pre-processing,Building a Sentiment detector using NLP & LSTM	AI
19 May	Industry Expert	3	NLP Case Study on Sentimental Analysis using Tweeter dataset	AI
25 May	Industry Expert	3	Introduction to PowerBI, Use cases and BI Tools , Data Warehousing, Power BI components, Power BI Desktop, workflows and reports , Data Extraction with Power BI.	Power BI
26 May	Industry Expert	3	SaaS Connectors, Working with Azure SQL database, Python and R with Power BI Power Query Editor, Advance Editor, Query Dependency Editor, Data Transformations, Shaping and Combining Data ,M Query and Hierarchies in Power BI.	Power BI
1 Jun	Industry Expert	3	DAX	Power BI

2 Jun	Industry Expert	3	Data Modeling and DAX, Time Intelligence Functions, DAX Advanced Features	Power BI
8 Jun	Industry Expert	3	Data Visualization with Analytics	Power BI
9 Jun	Industry Expert	3	Slicers, filters, Drill Down Reports ,Power BI Query, Q & A and Data Insights,Power BI Settings, Administration and Direct Connectivity	Power BI
15 Jun	Industry Expert	3	Embedded Power BI API and Power BI Mobile,Power BI Advance and Power BI Premium	Power BI
16 Jun	Industry Expert	3	Introduction to MLOps - MLOps pipeline,MLOps lifecycle,MLOps Components, Processes, etc	MLOPS
22 Jun	Industry Expert	3	Deploying Machine Learning Models - Introduction to Azure Machine Learning,Deploying Machine Learning Models using Azure	Deploying Machine Learning Models - Introduction to Azure Machine Learning,Deploying Machine Learning Models using Azure
23 Jun	Industry Expert	3	Linux Basics – File Handling, data extraction,	Linux
29 Jun	Industry Expert	3	Hands-on Sessions And Assignments for Practice – Strategically curated problem statements for you to start with Linux.	Linux
30 Jun	Industry Expert	3	Git- What is Version control? Benefits of Version Control, Version control tools, What is Git? Characteristics, uses of Git. All Git commands - Initializing, Staging, Stashing, Commit, Branching, Merge Conflicts, Hotfix etc	GIT
6 Jul	Intellipaath Team	3	Career Services Session - 1	Career Services Session - 1
Mentioned would be tentative confirmation of the batch schedule. Any changes with respect to the same would be updated in the same sheet.				