

Cohort Launch - 17 Jul 2021

Structured Courses						
	#	Course	Topics	Content Release Date	Assessment Deadline	Mentored Learning Session Weekend
Foundations	0	Prework	Programming Fundamentals, Python Introduction, Basic Stats	Available on enrollment	-	24-Jul
	1	Fundamentals of AIML	Python Fundamentals	Available on enrollment		31-Jul
			Python for Data Science	22-Jul	8-Aug	7-Aug
			Data Visualization and EDA	29-Jul	15-Aug	14-Aug
			Project 1	29-Jul	20-Aug	21-Aug
Machine Learning Courses	2	Supervised Learning: Regression	Linear Regression	19-Aug	29-Aug	28-Aug
			Data Preprocessing	26-Aug	12-Sep	11-Sep
			Project 2	26-Aug	17-Sep	18-Sep
	3	SUL: Classification	Logistic	16-Sep	26-Sep	25-Sep
			Decision Tree + GridSearch	23-Sep	3-Oct	2-Oct
			Project 3	23-Sep	8-Oct	9-Oct
	4	Ensemble Techniques	Ensemble Techniques (Bagging & Random Forest)	7-Oct	17-Oct	16-Oct
			Boosting	14-Oct	24-Oct	23-Oct
			Learning Break			
	5	Model Tuning		14-Oct	12-Nov	13-Nov
			Regularization	11-Nov	21-Nov	20-Nov
			Feature Engineering & Handling Imbalanced Data	18-Nov	5-Dec	4-Dec
	6	Unsupervised Learning	Project 5	18-Nov	10-Dec	11-Dec
			K means Clustering	9-Dec	19-Dec	18-Dec
			Year End Break			
			Hierarchical Clustering + PCA	16-Dec	9-Jan	8-Jan
Deep Learning	7	Introduction to Neural Networks	Project 6	16-Dec	14-Jan	15-Jan
			Pre-work for Deep Learning	13-Jan	Learning break	
			Intro to ANN, Tensorflow and Keras	20-Jan	30-Jan	29-Jan
			Building Blocks of ANN	27-Jan	6-Feb	5-Feb
	8	Introduction to Computer Vision	Project 7	27-Jan	11-Feb	12-Feb
			Intro to CNN - Working with Images	10-Feb	20-Feb	19-Feb
			Introduction to CNNs	17-Feb	27-Feb	26-Feb
	9	Introduction to Natural Language Processing	Project 8	17-Feb	4-Mar	5-Mar
			Intro to NLP- Working with Text Data	3-Mar	13-Mar	12-Mar
Sentiment Analysis			10-Mar	20-Mar	19-Mar	
Self-paced Courses						
	10	Statistical Learning	Project 9	10-Mar	25-Mar	26-Mar
			Inferential Statistics	Available on enrollment	-	-
			Hypothesis Testing	Available on enrollment	-	-
	11	Recommendation Systems	Practice Project	Available on enrollment	-	-
			Intro to RecoSys, Market Basket Analysis, Popularity Based and Content Based Reco Sys	Post module 9	-	-
			Collaborative Filtering, SVD Approach, Hybrid Reco Sys	Post module 9	-	-
	12	Model Deployment	Practice Project	Post module 9	-	-
			Model Deployment, Serialization, Real Time Productionalization, Kubernetes, Docker	Post module 9	-	-
				Post module 9	-	-

NOTES >>

- 1 This schedule might change in the future as and when the design of the program is improved upon.
- 2 The assessment deadlines here mean the end of the day. The exact time will vary for different time zones.
- 3 Assessment here could mean either a quiz or a project.