

Cohort Launch - 14 Aug 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	-	21-Aug
	1	Fundamentals of AIML	Python Fundamentals	Available on enrollment	29-Aug	28-Aug
			Labor Day Break			
			Python for Data Science	19-Aug	12-Sep	11-Sep
			Data Visualization and EDA	26-Aug	19-Sep	18-Sep
		Project 1	26-Aug	24-Sep	25-Sep	
Machine Learning Courses	2	Supervised Learning: Regression	Linear Regression	23-Sep	3-Oct	2-Oct
			Data Preprocessing	30-Sep	10-Oct	9-Oct
			Project 2	30-Sep	15-Oct	16-Oct
	3	SUL: Classification	Logistic	14-Oct	24-Oct	23-Oct
			Decision Tree + GridSearch	21-Oct	31-Oct	30-Oct
			Diwali Break			
	4	Ensemble Techniques	Project 3	21-Oct	12-Nov	13-Nov
			Ensemble Techniques (Bagging & Random Forest)	11-Nov	21-Nov	20-Nov
			Thanks Giving Break / Learning Break			
	5	Model Tuning	Boosting	18-Nov	5-Dec	4-Dec
			Project 4	18-Nov	10-Dec	11-Dec
			Regularization	9-Dec	19-Dec	18-Dec
	6	Unsupervised Learning	Year End Break			
			Feature Engineering & Handling Imbalanced Data	16-Dec	9-Jan	8-Jan
			Project 5	16-Dec	14-Jan	15-Jan
			K means Clustering	13-Jan	23-Jan	22-Jan
			Hierarchical Clustering + PCA	20-Jan	30-Jan	29-Jan
			Project 6	20-Jan	4-Feb	5-Feb
	Deep Learning	7	Introduction to Neural Networks	Pre-work for Deep Learning	3-Feb	Learning break
Intro to ANN, Tensorflow and Keras				10-Feb	20-Feb	19-Feb
Building Blocks of ANN				17-Feb	27-Feb	26-Feb
Project 7				17-Feb	4-Mar	5-Mar
8		Introduction to Computer Vision	Intro to CNN - Working with Images	3-Mar	13-Mar	12-Mar
			Introduction to CNNs	10-Mar	20-Mar	19-Mar
			Project 8	10-Mar	25-Mar	26-Mar
9		Introduction to Natural Language Processing	Intro to NLP- Working with Text Data	24-Mar	3-Apr	2-Apr
			Sentiment Analysis	31-Mar	10-Apr	9-Apr
	Easter Break					
		Project 9	31-Mar	22-Apr	23-Apr	
Self-paced Courses						
	10	Statistical Learning	Inferential Statistics	Available on enrollment	-	-
			Hypothesis Testing	Available on enrollment	-	-
			Practice Project	Available on enrollment	-	-
	11	Recommendation Systems	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	-	-
			Practice Project	Post module 9	-	-
	12	Model Deployment	Model Deployment, Serialization, Real Time	Post module 9	-	-
			Productionalization, Kubernetes, Docker	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.