

Cohort Launch

15-June

Structured Modules								
	#	Module	Course	Content Release Date	Assessment Deadline	Mentored Learning Session Weekend		
Machine Learning	0	Pre-Work : Intro to Data Science and AI	Python: Beginner	Available on enrollment	-	25-May		
			Intro to the World of AI	-	-	1-Jun		
			The Must-Know Mathematics & Statistics Behind AI	-	-	8-Jun		
		1	Pre-Work : Python	Program Orientation	Available on enrollment	-	15-Jun	
				Intro to the World of AI	-	-	16-Jun	
				AI Application Case Study #1	-	-	22-Jun	
			Python - Foundations	Python: Beginner	Available on enrollment	-	23-Jun	
				Introduction to Python	Available on enrollment	30-Jun	29-Jun	
				Independence Day Break				
	Python for Data Science			27-Jun	14-Jul	13-Jul		
	AI Application Case Study #2			-	-	20-Jul		
	Data Visualization			18-Jul	28-Jul	27-Jul		
	2	Machine Learning	Exploratory Data Analysis	25-Jul	4-Aug	3-Aug		
			Project Support Session	-	-	10-Aug		
			AI Application Case Study #3	1-Aug	-	11-Aug		
			Project 1	25-Jul	16-Aug	17-Aug		
			Intro to Supervised Learning - Linear Regression	15-Aug	25-Aug	24-Aug		
			Labor Day Break					
			Decision Trees	29-Aug	8-Sep	7-Sep		
			K-means Clustering	5-Sep	15-Sep	14-Sep		
			Project Support Session	-	-	21-Sep		
	3	Advanced Machine Learning	Project 2	29-Aug	27-Sep	28-Sep		
			Hackathon	30-Sep	6-Oct	-		
Bagging and Random Forest			26-Sep	6-Oct	5-Oct			
Boosting			3-Oct	13-Oct	12-Oct			
Model Tuning			10-Oct	20-Oct	19-Oct			
Project 3			3-Oct	25-Oct	26-Oct			
Diwali Break								
Deep Learning			4	Introduction To Neural Networks	Introduction to Neural Networks	31-Oct	10-Nov	9-Nov
					Optimizing Neural Networks	7-Nov	17-Nov	16-Nov
	Project 4	31-Oct			22-Nov	23-Nov		
	Hackathon	14-Oct			20-Oct	-		
	Introduction to Image Processing	21-Nov			Thanksgiving & Learning Break			
	5	Introduction To Computer Vision	Introduction to Convolutional Neural Networks	28-Nov	8-Dec	7-Dec		
			Transfer Learning	5-Dec	15-Dec	14-Dec		
			Project 5	28-Nov	20-Dec	21-Dec		
			Year-End Break					
			6	Introduction to Natural Language Processing	Introduction to Natural Language Processing	26-Dec	12-Jan	11-Jan
	Word Embeddings	9-Jan			19-Jan	18-Jan		
	Attention Mechanism and Transformer Models	16-Jan			26-Jan	25-Jan		
	Large Language Models and Prompt Engineering	23-Jan			2-Feb	1-Feb		
	Project 6	23-Jan			7-Feb	8-Feb		
	Self-paced Modules							
	7	Statistical Learning	Post module 1		-	-		
	8	Recommendation Systems	Post module 6		-	-		
	9	Model Deployment	Post module 6		-	-		
	10	Generative AI	Available on enrollment		-	-		

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.
- 4 Hackathons are optional, non-graded, and fun learning competitions.