

**Cohort Launch 15-February**

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

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.