	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 Pre-Work : Python	Python: Beginner	*Available on enrollment*	-	25-May
			Intro to the World of AI	-		1-Jun
			The Must-Know Mathematics & Statistics Behind AI	-	-	8-Jun
			Program Orientation	*Available on enrollment*	-	15-Jun
			Intro to the World of AI	-	-	16-Jun
			AI Application Case Study #1	-	-	22-Jun
			Python: Beginner	*Available on enrollment*	-	23-Jun
	1	Python - Foundations	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
			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
Machine Learning	2	Machine Learning	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
			Project 2	29-Aug	27-Sep	28-Sep
			Hackathon	**30-Sep**	**6-Oct**	-
	3	Advanced Machine Learning	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**	-
	5	Introduction To Computer Vision	Introduction to Image Processing	21-Nov	**Thanksgiving & Learning Break**	
			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.