TEXAS McCombs
The University of Texas at Austin
McCombs School of Business

Post Graduate Program
Artificial Intelligence and Machine Learning: Business Applications
Delivery Schedule - July 2024

G Great Learning
POWER AHEAD

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