

QUOTATION

Sir/Madam,

Sub: Quotation for **Center for Futuristic Learning – Artificial Intelligence & Data Science** Training Program

Greetings from SIX PHRASE – Edutech Private Limited

In line with the discussion we had with you we have here with detailed the program details along with the cost for conducting the **Center for Futuristic Learning – Artificial Intelligence & Data Science** Training Program. Please find below the program details.

Program Duration:	I to IV Year Integrated Mode - 72 Hours per Semester (1 to 8 Semesters) III Year Bootcamp Mode – 300 Hours
Target Audience:	BE Students
Program Type:	Center for Futuristic Learning – Artificial Intelligence & Data Science
Value Additions:	<ul style="list-style-type: none"> ✓ Online Hands On Training Sessions with Technology Experts from Corporate and from IITs. (30% of Course Duration). ✓ 3 Interactive Webinar sessions per semester with CEOs and Technology Heads from Corporate. ✓ Real World Projects certified by PWC. ✓ Cloud Labs Tools & Softwares
Placement & Internship Assistance:	<ul style="list-style-type: none"> ✓ Access to 30+ Product Companies: Marquee Companies: >20 LPA; Super Dream Companies: 10-20 LPA; Dream Companies: 5-10 LPA ✓ Abroad Internships & Placements ✓ Study Abroad Programs with Placements

Syllabus:

AI & Data Science - Curriculum	
Course	Modules
Course 1 - Python for Data Science and AI	Introduction to Data Science
	Data Collection & Cleaning
	Python Fundamentals
	Control Flow and Functions
	Array Computations using NumPy
	Data Manipulation using Pandas
	Visualizing Data using Matplotlib and Seaborn
	Web Scraping (Self-paced)
Course 2 - Predictive Analytics	Introduction to Statistical Analysis
	Exploratory Data Analysis
	Probability Distribution
	Inferential Statistics
	Inferential Statistics - II (Self-Paced)
	Regression (Self-paced)
Course 3 - Machine Learning	Introduction to Machine Learning
	Supervised Learning - Regression
	Evaluating Regression Models
	Supervised Learning - Classification
	Decision Tree and Random Forest Models
	Mathematical and Bayesian Models
	Dimensionality Reduction
	Unsupervised Learning using Clustering
	Model Evaluation & Hyperparameter Tuning
	Model Boosting & Optimization
	Association Rule Mining & Recommendation Engines (Self-Paced)
	Time Series Analysis (Self-Paced)
Course 4 - Natural Language Processing	Introduction to NLP
	Text Pre-processing
	Analyzing Sentence Structure
	Text Classification
	Building a Resume Classifier (Self-Paced)
	Building a intent based RASA Chatbot (Self-Paced)
	NLP in Production (Self-Paced)
Course 5 - Deep Learning	Introduction to Deep Learning
	Getting started with Tensorflow 2.0 with Tensor Board
	Neural Networks with TensorFlow 2.x
	Deep Learning for Images using CNN
	TensorFlow Hub for Object Detection using Faster RCNN
	Object Detection Using OpenCV (Self-paced)
	Deep Learning for Sequences using RNN (Self-Paced)

Course 6 - Generative AI	Autoencoders and GANs
	Prompt Engineering
	Generative AI with LLMs
	LLMs for Search, Prediction, and Generation
	LangChain for LLM Application Development
	Interacting with Data Using LangChain and RAG
	Evaluating LLM Performance (Self-paced)
	Industry Case Studies and In-class Project (Self-paced)
Course 7 - Data Visualization using Tableau	Data Connection and Visualization in Tableau
	Calculations in Tableau
	Advanced Visualizations
	Sharing Your Insights Through Dashboards