

# Program Module



## Module 1

### Foundation

- Programming Orientation in Python and SQL.
- Tools Orientation in MySQL

## Module 2

### Business Analytics and Artificial Intelligence

- Introduction to Business Analytics and Artificial Intelligence
- Data Modelling and Management
- Basic Statistics and Regression Models
- Predictive Analytics
- Machine Learning - Supervised and Unsupervised Learning
- Deep Learning

## Module 3

### Generative AI

- Generative AI Concepts
- Industry Applications, Chat GPT
- Computer Vision
- NLP

## Module 4

### Business Data Visualization

- Data Visualization Theory and Design
- Tableau

## Module 5

### Industry Interaction

- Industry Immersion with Real time Use Cases
- Student and Industry Interaction

## Module 6

### Capstone Project

- Multi-Domain using open-datasets/proprietary datasets
- Solving Business Specific Problems

## Module 7

### Evaluations

- Projects (Predictive Analytics, Deep Learning, AI and Visualisation )
- Assignments and Quiz
- Real time Assessment by Academia and Industry Experts

\*\*As per the trend new classes on emerging technologies could be incorporated