Program Structure

Machine Learning

5 modules
5 projects

Foundations
- Python
- EDA
- Project

Supervised Learning
- Linear Regression
- Logistic Regression
- Project

Ensemble Methods
- Decision Trees
- Ensemble Techniques
- Random Forrest
- Project

Feature Engineering & Model Tuning
- Feature Engineering
- Sampling Techniques
- Model Selection & Tuning
- Model Performance Measures
- Project

Unsupervised Learning
- K Means Clustering
- Hierarchical Clustering
- Project

Deep Learning

3 modules
3 projects

Neural Networks
- Intro to NN, Tensorflow & Keras
- Building blocks of NN
- Project

Computer Vision
- Introduction to CNN – working with images
- CNN Architecture and Transfer Learning
- Project

Natural Language Processing
- Introduction to NLP – working with text data
- RNN & LSTM – Intro & application
- Project