



ENTREPRENEUR PROGRAM

Machine Learning and Artificial Intelligence



Session 1

Introduction to Machine Learning and AI

Understanding ML and AI

Differentiating the Myths of Machine Learning and AI

Session 2

Introduction to ML APIs

Building and using ML API

Understanding the use of APIs and using APIs in the projects

Session 3

Features of ML Platform

Understanding of ML platform

Signing Up with the Platform and using

Session 4

Features of ML Model

Hands On the ML Platform

Integrating the Platform with API and Building first model

Session 5

Guided Projects

Text Recognition Model

Training and using Text Recognition Model

Build a scratch / Python based application to recognize a text and classify into the classes

Session 6

Number Recognition

Training and using Number Recognition Model

Build a scratch / Python based application to recognize a numbers and classify into the classes

Session 7

Image Recognition

Training and using Image Recognition Model

Build a scratch / Python based application to recognize an image & classify into the classes

Session 8

Speech recognition

Training and using Speech Recognition Model

Build a scratch based application to recognize speech & classify into the classes

Session 9

Setting Up student API

Creating personal account for student

Students will learn to build their own API and integrate with the platform

Session 10

Independent Project

Ideation and Mind Mapping

Working on Project Idea

Critical thinking on the new ideation to solve a real life problem

Session 11

Making Your own AI Library

Collecting Data

Brainstorming on the Features of project.

Session 12

Going Live

Development of Idea

Implementing your solution and testing on the real data



Session

LESSON | CONCEPT
OUTCOME