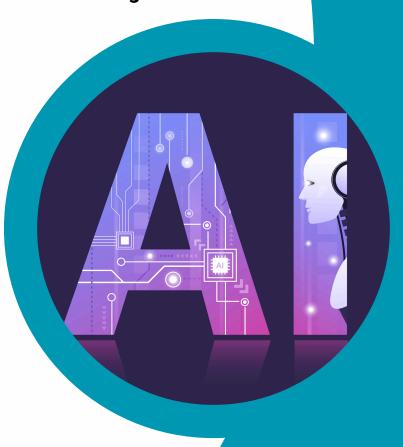
Al From Scratch

DATA TO INTELLIGENT AGENTS

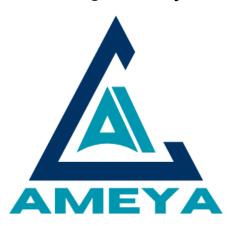
A 4-week Intensive Artificial Intelligence Course

About Program

An intensive 4-week program covering the complete AI pipeline, from foundations to cutting-edge applications. Master data science, machine learning, deep learning, and AI agents. Ideal for rapidly developing practical skills across the full spectrum of modern artificial intelligence technologies.



A Program by



In Collaboration with



Contact us @ 951986844

Learning Structure

Daily 1-hour classes
Pre-class readings and resources
Post-class practice exercises
Two daily discussions on Microsoft Teams
Required code submissions
Weekly projects applying learned concepts

Course Curriculum

Week 1: AI Foundations & Data Science

Journey of Al, Mathematics & Statistics for Al, Introduction to Data Science,

Data Exploration & Cleaning, Visualization Techniques

Week 2: Machine Learning Fundamentals

Linear & Logistic Regression, Decision Trees & Random Forests, Clustering
Algorithms & Naive Bayes, Support Vector Machines & Kernel Methods, Advanced
Ensemble Methods

Week 3: Deep Learning and NLP

Neural Network Fundamentals, Convolutional Neural Networks (CNN), Natural Language Processing Basics, Recurrent Neural Networks & Advanced Architectures

Week 4: Advanced AI and LLMs

The Story of ChatGPT & Building LLMs, Prompt Engineering Techniques,
Retrieval-Augmented Generation (RAG), Al Agent Fundamentals & Architecture,
Advanced Agent Capabilities & Applications