cloudthat | Microsoft

Build a futureproof workforce with Machine Learning Deep Learning

Course Overview

Unlock the power of Artificial Intelligence (AI) with this comprehensive Machine Learning (ML) and Deep Learning (DL) course. Learn practical skills for data preparation, model building, and distributed training using Apache Spark. Master industry-standard tools and gain the expertise to design and implement AI solutions across various domains.

Key Features

- Hands-on, project-based learning
- Industry-relevant curriculum
- Expert instructor with real-world experience
- Access to cutting-edge tools and technologies
- Collaborative learning environment
- Career advancement opportunities
- Earn a course completion certificate
- Lifetime access to course materials

Who can participate in the training?

- Aspiring data scientists and ML engineers
- Developers seeking to integrate AI into their projects
- Professionals looking to enhance their AI knowledge
- Anyone interested in leveraging AI for business advantage

Prerequisites

- Basic understanding of Python programming
- Familiarity with linear algebra and statistics
- Fundamental knowledge of operating systems and computer networking

Course Modules

Module 1 Spark Overview - Python Essentials

- In this module, you will explore and learn about Data preparation tasks - Data preprocessing /cleaning, Feature Engineering and how pyspark built-in capabilities can be used to accomplish these tasks.

Module 2 Machine Learning - Train and Evaluate

- In this module, you will learn about ML Types and Models along with evaluation parameters and machine learning life cycle stages.

Module 3 Neural Network and Deep Learning

- In this module, you will learn about Neural networks, a beautiful biologically inspired programming paradigm which enables a computer to learn from observational data and Deep learning, a powerful set of techniques for learning in neural networks.

Module 4 Distributed Deep Learning

- In this module, you will understand distributed deep learning and how training time is massively reduced by distributing training tasks over multiple CPUs and leveraging Spark capability for same.

About CloudThat

CloudThat is the first company in India to offer Cloud Training & Consulting services for mid-market & enterprise clients from across the globe. Since our inception in 2012, we have trained over 500K IT professionals from fortune 500 companies on technologies such as Microsoft Azure, Amazon Web Services, VMware, Artificial Intelligence, Machine Learning, Google Cloud, IoT, OpenStack, OpenShift, DevOps, Big Data, Kubernetes, and more.

With an expertise in major Cloud platforms, CloudThat is a proud Microsoft Gold Partner, AWS Authorized Training Partner, VMware Authorized Training Reseller, and Google Cloud Platform Partner. Till date we have conducted successful corporate training for some of the fortune 500 companies which includes Accenture, Deloitte, Infosys, Fidelity, HCL, Intuit, GE, TCS, HP, SAP, Oracle, Western Union, Philips, Flipkart, L&T and Samsung, just to name a few. We have presence in Bengaluru, Mumbai, USA & UK, offering on-site and pre-scheduled public batches in different IT centric cities of India and Overseas. Overseas.

To know more about our cloud certification training, email at **sales@cloudthat.com** or call us at **+918880002200.**