

مقدمة في الذكاء الاصطناعي وتعلم الآلة وعلوم البيانات 2020

Introduction to AI, Machine Learning and Data Science 2020

About Course:

I promise not to exhaust you with huge number of videos.

Welcome to the most comprehensive **Introduction to AI, Machine Learning and Data Science course!** An excellent choice for beginners and professionals looking to expand their knowledge on Artificial Intelligence, Machine Learning, Data Science, Deep Learning, Supervised and Unsupervised Learning.

This is an introductory course for beginners to boost your knowledge. This course gives introduction to AI, Machine Learning, Data Science, Deep Learning, Supervised and Unsupervised learning with real time examples where machine learning can be applied to solve or simplify real world business problems.

Course Objectives:

- Introduction to buzz words like AI, Machine Learning, Data Science and Deep Learning etc.
- Introduction to Supervised Learning and Unsupervised Learning
- Why python is popular for Machine Learning
- Real time examples where Machine Learning can be used to solve real world business problems
- Introduction to Natural Language Processing

Course Outlines:

Introduction

Let's get familiar with terminologies

- What is artificial intelligence?
- What is data science and machine learning?
- What is deep learning?
- What is natural language processing?
- What is Computer Vision?
- What is Supervised Learning?
- What is Unsupervised Learning?

Variety of business problem statements which machine learning can solve

- Let's get started
- APS data to reduce maintenance cost
- Identifying legitimate high-end need of teachers/students for donation
- Automatic Music Generation
- Car steering angle prediction using on road images
- Let's conclude with examples

Miscellaneous

- Why to use Python for Machine Learning

Audience

- Beginners to AI, Machine Learning and Data Science
- Students or Professionals
- Testers, Database Developers
- Managers
- Java Developers
- Full Stack Developers etc.