Mindluster Platform

About the course Machine Learning using tensorFlow

Machine Learning using tensorFlow course, in this course delves into the intricacies of Machine Learning using TensorFlow, an open-source library developed by Google. Participants will explore various machine learning algorithms and techniques implemented through TensorFlow, gaining hands-on experience in building and deploying models for diverse applications. From introductory concepts to advanced neural network architectures, learners will grasp the fundamentals of deep learning, reinforcement learning, natural language processing, and computer vision. Through practical exercises and projects, students will acquire proficiency in leveraging TensorFlow to develop robust and scalable machine learning solutions, equipping them with the skills needed to tackle real-world challenges in the field.

Artificial Intelligence Category's Courses

Course Lesson(38)

Lesson 1 : **Artificial Intelligence TensorFlow Machine Learning Course Preview**

Lesson 2 : **What is Machine Learning or AI Lesson 01**

Lesson 3 : **Why browser or Javascript Lesson 02**

Lesson 4 : **Section Introduction of Javascript basics Lesson 03**

Lesson 5 : **Integrating with HTML Lesson 04**

Lesson 6 : **Variables and Variable types Lesson 05**

Lesson 7 : **Conditioning Lesson 06**

Lesson 8 : **Functions Lesson 07**

Lesson 9 : **Looping in Javascript Lesson 08**

Lesson 10 : **Intro to the section Lesson 09**

Lesson 11 : **Dom manipulation Lesson 10**

Lesson 12 : **What is a tensor Lesson 11**

Lesson 13 : **Creating a tensor Lesson 12**

Lesson 14 : **Tensorflow zeros Lesson 13**

Lesson 15 : **Tensorflow Variables Lesson 14**

Lesson 16 : **Operations of variables Lesson 15**

Lesson 17 : **Project 2 Lesson 16**

Lesson 18 : **Solution 2 Lesson 17**

Lesson 19 : **Project Description Lesson 18**

Lesson 20 : **npm init Lesson 19**

Lesson 21 : **Creating the input dataset 1 Lesson 20**

Lesson 22 : **Creating the input dataset 2 Lesson 21**

Lesson 23 : **Building a model Lesson 22**

Lesson 24 : **Loss and train Function Lesson 23**

Lesson 25 : **Building User Interface Part 1 Lesson 24**

Lesson 26 : **Building User Interface Part 2 Lesson 25**

Lesson 27 : **Creating the html Lesson 26**

Lesson 28 : **Styling the HTML Lesson 27**

Lesson 29 : **Completing index js Lesson 28**

Lesson 30 : **Adding Babel javascript Lesson 29**

Lesson 31 : **Running the Program Lesson 30**

Lesson 32 : **What are Neurons Lesson 31**

Lesson 33 : **What are weights Lesson 32**

Lesson 34 : **What are biases Lesson 33**

Lesson 35 : **Activation Functions Lesson 34**

Lesson 36 : **XOR logic project Lesson 35**

Lesson 37 : **Training Loop Lesson 36**

Lesson 38 : **Running the Program Lesson 37**

Related courses

ChatGPT for Developers

Machine Learning Roadmap for beginners

AI Basics

ChatGPT Content For Beginners

Machine Learning Model Deployment

Chat GPT

for Business Contact
business@mindluster.com