Express Diploma in AI & Machine Learning

DURSIKSHYA
Transforming Education

ISO
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CERTIFIED COMPANY

About Express Diploma in AI & Machine Learning

With our highly regarded Fast Track Diploma in AI and Machine Learning, offered in partnership SQA, you may further your career. This program offers the ideal blend of theory, case studies, and significant hands-on application in artificial intelligence instruction.

key Feature

- 180 hours of training with an instructor
- Much practice with current features
- Advance from basic to intermediate Knowledge of AI & Machine Learning Course
- Learn by doing and go through the entire development cycle

Why Join This Programs?

Real World Business
    Get insights on how ai is across companies like E-sewa ,Daraz... more

Learn from Dursikshya Faculty
    Learn live from top Dursikshya faculty with online master classes

Dursikshya's Academic Eminence
    Gain a certificate from Dursikshya online from Dursikshya

Immense Domain Exposure
    learn how ai can be applied across business functions such as SEO Manager

About AI & Machine Learning Course Pathway

Lesson 1 - Python For Data Science

- Basics of Python
- Data Structures in Python
- Python Data Processing
- Utilizing NumPy Arrays

- Basics of Python Programming

Lesson 2 - Applied Data Science With Python

- Overview of Data Science
- Overview of Data Analytics Statistical
- Analysis and Business Applications
- Python Environment Setup and Essentials
- Python for Mathematical Computing (NumPy)
- Python for Scientific Computing (SciPy)
- Pandas Data Manipulation
- Python data visualization using Matplotlib

Lesson 3 - Machine Learning

- Introduction to Machine Learning and Artificial Intelligence
- Preprocessing of Data
- Supervised education
- Aspect Engineering
- Classification under supervision
- Unsupervised Education
- Modeling time series
- Collective Learning
- Advisory System

Lesson 4 - Deep Learning With Tensorflow And Keras

- Introduction to Deep Learning and AI
- Artificial neural networks in lesson two
- Deep Neural Network and Tools
- Tuning, Optimization, and Interpretability of Deep Neural Networks
- Convolutional Neural Net
- Recurrent neural networks
- Seventh lesson: Autoencoders

Lesson 5 - Advanced Deep Learning And Computer Vision

- Learning Objectives
- Required course prerequisites
- Third lesson: RBM and DBNs
- Variational Autoencoder
- Working with Deep Generative Models
- Neural Style Transfer and Object Detection Applications
- Distributed and Parallel Computing for Deep Learning Models
- Reinforcement learning in lesson eight
- Deep Learning Model Deployment and Beyond

Contact Us:

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