Online Certification Course with EICT Academy IIT Roorkee

Data Science using Python
09 March - 22 March, 2021

Internet of Things (IoT)
10 March - 23 March, 2021

Machine Learning with Python
06 April - 19 April, 2021

Lectures from IIT Roorkee & Hands-on Session from Devarty
Projects, Assignments & Entrepreneurship Session
Learning Material and Video Lectures

Click here for WhatsApp Chat

Data Science using Python

(09 March - 22 March, 2021)

Objectives of the Course

- Provide foundation of Python scripting and its principles
- Design and implement of real-world inspired ML and DL algorithms applications (Image Processing with MLP).
- Boost your career prospects through innovative and independent learning
- Project work and Assignments with real life problems

Focus Areas

- Introduction to packages in Python
- Numpy, Pandas, EDA
- Supervised and Unsupervised Learning
- Linear Regression, Logistic Regression
- Clustering, K-means
- NLP (Natural Language Processing)
- Image processing with MLP (Multi-layer perceptron)

Click here for more Information

Internet of Things (IoT)

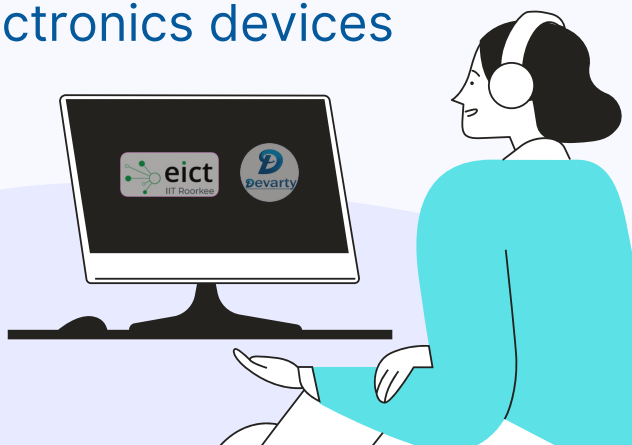
10 March - 23 March, 2021

Objectives of the Course

- The proposed certification course provides an opportunity to discuss & address the experimental, theoretical work & problems solving methods.
- Introduction to attention commands for internet access and android apps for controlling electronic devices.
- Boost your career prospects through innovative & independent learning.
- Project work and Assignments with real life problems.

Focus Areas

- Introduction to IoT and Applications
- Embedded System from scratch
- Sensor data acquisition and processing
- HTTP Server, Cloud connectivity
- Connecting with Online servers
- Google Assistant and Alexa connectivity with electronics devices
- Various Internet protocols
- Advanced concepts with IoT



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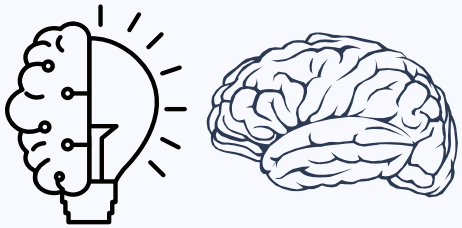
Machine Learning with Python

06 April - 19 April, 2021

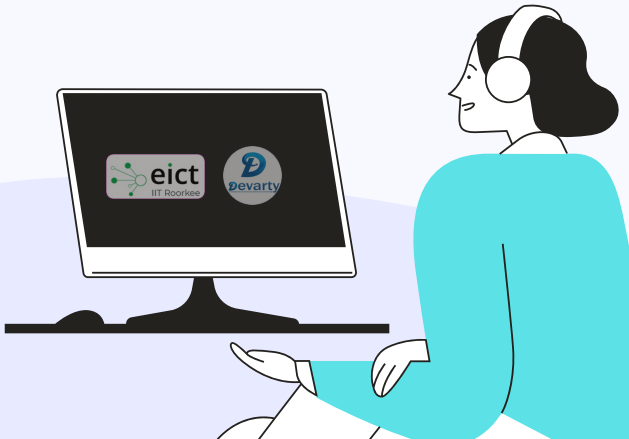
Objectives of the Course

- Provide foundation of Python scripting and its principles.
- Design and implement of real-world inspired ML algorithms applications.
- Boost your career prospects through innovative and independent learning.
- Project work with real life problems (Buy/selling car predictions and House price predictions).

Focus Areas



- Introduction to packages in Python
- Tuples, Set, Dictionaries & Functions
- Numpy, Scipy, Pandas, EDA
- Supervised Machine Learning
- Statistics, Hypothesis Testing, Distributions
- Linear Regression, Logistic Regression
- Decision Tree, Random Forest
- Support Vector Machines



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