Model Institute of Engineering & Technology

Ishav Verma <2020a1r160@mietjammu.in>

Proposal: Machine Learning – Intro & Hands on session

1 message

Ishav Verma <2020a1r160@mietjammu.in> Wed, Nov 9, 2022 at 11:40 PM
To: Ashok Kumar <ashok@mietjammu.in>

Hello sir, under coding club, we are planning to have a hands-on session on machine learning for students of 3rd & 5th semester to make a choice to opt Machine Learning as a career path. In the mentioned session for machine learning we will cover the following topics:

1. Introduction to Artificial Intelligence, Machine Learning & Deep Learning.
2. Difference between these three.
3. Machine Learning & its types.
4. Data Cleaning & feature selection.
5. Open-Source tools & libraries available for Machine Learning.
6. Google Collab & Jupyter – Python3.
7. Model selection, building, exporting & deploying.

The main objective of this session is to make students aware about the current & future scope of Machine Learning as a career path and what kind of real-world problems can be solved using the concepts of Machine Learning.

The event would be a 2-hour session during which the basic concepts of Machine Learning & Data Cleaning would be driven along with a hands-on coding session using Google Collab for which we are expecting two different models based on:

1. Regression: Stock Price Prediction
2. Classification: Mail Spam detection

Students would be guided to bring their laptops for hands-on practice and must have an overview of python programming language for understanding of code working.

Also, a hall with good internet connectivity is required for smooth conduct of hands-on practice.

Perks of being an attendee:

1. Get to know more about Machine Learning.
2. Get to know about future aspects of Machine Learning.
3. Guidance about the projects.
4. To have new connections with like-minded people.
5. Project ideas in the field of Machine Learning.

Please review it and provide us with your valuable feedback on this proposal and also provide us with a possible time slot during which we can conduct this session.

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Thanks & Regards
Ishav Verma
Student || CR
2020-CSE-MIET