HUNAR INTERN

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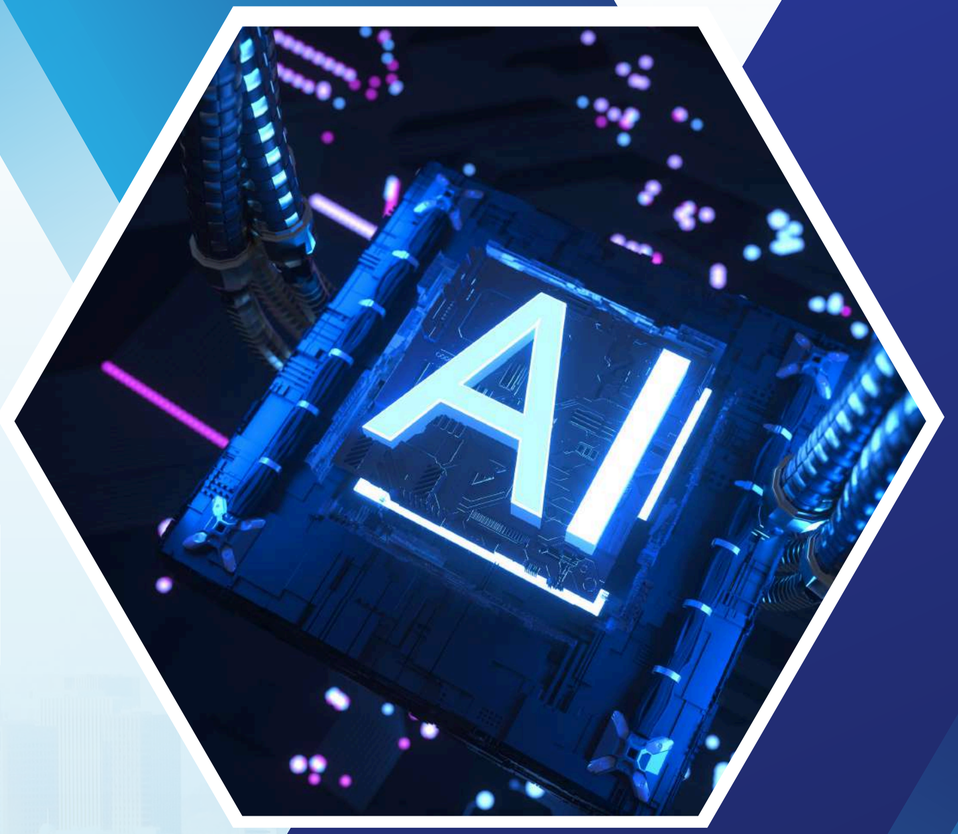

INTERNSHIP PROGRAM
ARTIFICIAL INTELLIGENCE

hunarintern@gmail.com

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DURING YOUR INTERNSHIP TENURE,

IT IS IMPORTANT TO KEEP IN MIND THE FOLLOWING POINTS

1 Enhance Your Professional Presence

- Update your LinkedIn profile.
- Share achievements such as your offer letter or internship completion certificate.
- Mention and tag Hunar Intern Company in your posts.
- Use hashtags like #HunarIntern, #HunarTech, #HunarCompany to showcase your affiliation.

2 Maintain Academic Integrity

- Respect intellectual property.
- Avoid plagiarism and copying code.
- Understand that violations can lead to the termination of your internship and subsequent restriction from future opportunities with us.

3 Demonstrate Your Work

- Share a video showcasing the completion of your tasks on LinkedIn.
- Tag Hunar Intern Company in your post.
- Use relevant hashtags like #HunarIntern,#HunarTech,#Hunar Company to engage with our community.

4 Engage with the Community

- Participate in company events and activities.
- Connect with fellow interns and colleagues.
- Join and contribute to discussions on company forums and social media Groups

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SUBMISSION

- Create a new GitHub repository with the name Hunar Intern and upload your task on it.
- Create a professional video showcasing your internship projects and Achievements
- Host the video on LinkedIn to provide proof of your work and establish credibility among your peers. Consider tagging hunar intern in your posts to ensure they are notified of your work.
- A SUBMISSION FORM will be shared later. Till then please continue your task and make a separate file of each level.
- When posting the video on LinkedIn, include the following hashtags to maximize visibility and engagement: #hunarintern #hunarTech. Additionally, depending on your Internship Domain

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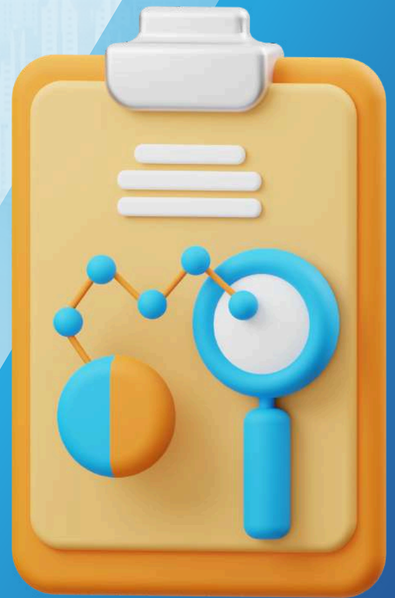
Weather Prediction

TASK: 2

LEVEL: Medium

DESCRIPTION

Create a weather predictor using machine learning,particularly regression algorithms, to analyze historical weather data and make predictions about future weather conditions.



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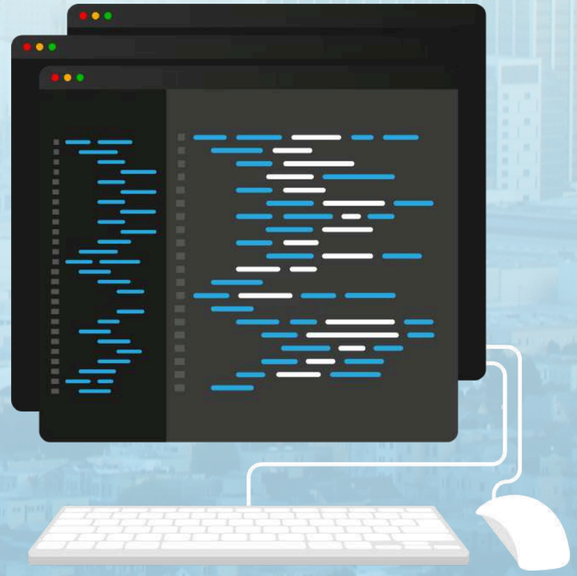
REQUIREMENTS

Basic understanding of Pandas and linear regression model.

Jupyter Notebook or any Python environment.



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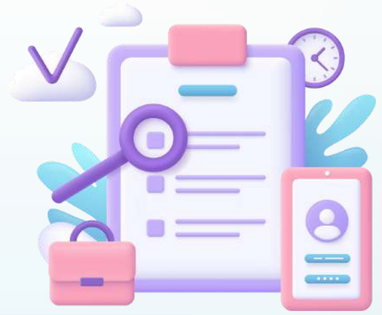
STEPS TO FOLLOW



1

Import libraries and dataset:

- Import necessary libraries like pandas.
- Obtain historical weather data from reliable sources. This data should
- include features like temperature, humidity,wind speed, and other relevant factors and import it.

2

Data preprocessing:

- Remove null values and duplicates from the dataset.
- Split the dataset into training and testing data.

3

Implement Model:

Apply linear regression model on the training dataset and check its accuracy.

4

Model Evaluation:

Test the model by using test dataset if model is predicting accurate values then your model is accurate.

5

Testing:

Test your model by different datasets .

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What You'll Learn:

Concept of linear regression.

Developing models based on real world problems.

ADDITIONAL SUGGESTIONS(OPTIONAL):

You can use different dataset according to your choice.

Try to apply different models.

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CONCLUSION

It's a practical project that introduces key concepts in machine learning and regression analysis. As you progress,you can enhance the model's complexity, consider more features, and explore advanced algorithms for improved accuracy. Remember to continuously fine-tune your model based on performance metrics, and always ensure the reliability of your input data for accurate predictions.