Mohd Nadeem

I am a dedicated machine learning enthusiast seeking a challenging position to work in the data science field. I've worked on different types of data, including tabular, audio, video, and image data. I am also good at Python programming and have worked on various machine learning and AI-related projects; apart from that, I have a very good knowledge of SQL and ETL tools.

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📱 9871196241

🌐 nadeem-portfolio-k9v4.onrender.com/

github.com/snad0

EDUCATION

M.Sc. Electronics
Jamia Millia Islamia
11/2020 - Present

B.Sc. Physics(Hons)
Jamia Millia Islamia
07/2017 - 08/2020

PERSONAL PROJECTS

Social Distancing and Face Mask Monitoring
- The purpose of such an application is to monitor social distance in a market area.
- The object detection is done with the help of YOLO, while the face mask detector is built by training SSD MobileNet using transfer learning.
- With this, we can find out if the people are maintaining a minimum distance as well as if they are wearing their face masks or not.

AI parking security system
- With this, we can monitor the activities of our entry gates, as whenever a car enters, this applies a face recognition algorithm to authorize the entry.
- It also detects the number plate of that car and then writes it in a csv file with the name of the person and the time of entry. We can upgrade this system with automatic door opening system also

Plant Species Detection using Deep Learning
- An Android app to detect the most accurate classes of plant species using a custom-trained CNN model
- It takes an image as input and gives the name of the plant as accurately as possible for a given 10 species, along with other details such as medical uses.
- The backend work is on flask, whereas the frontend includes HTML, CSS, and JavaScript.
- App link. https://www.amazon.com/dp/B0B2W5378Q/ref=apps_sf_sta.

Product Sales Analysis
- Sales analysis is a vital part of any product-based business. To be updated about our business, we can create dashboards using tools like SQL and Power BI.
- This dashboard was created to get an overview of the last 2 years' sales, which can be followed up with customers who buy the most and products that sell the most, as well as the regions where sales are high.

Jarvis AI Assistant
- Jarvis performs 20+ tasks by following voice commands, from opening a browser to running different applications.
- He can report to you the current date, time, or weather in your area, read the latest news for you, and can even crack jokes.
- I've used different Python modules such as pyttsx3, speech-recognizing, etc. Click on GitHub link for the code.

SKILLS

python · MY-SQL · Deep Learning · Open CV · Machine Learning · NLP · Computer Vision · Tensorflow · Flask · Data Analytics · Microsoft Power BI · Excel · Macros · PL-SQL · T-SQL · Tableau prep builder

EXPERIENCE

Content Manager (Start-Tech Academy) (11/2022 - Present)
Since I've joined them as a content manager, I have created four different courses on SQL and Advance Excel and co-instructed many others.

Business analytics and ML Intern(Start-Tech Academy) (09/2022 - 11/2022)
in my 2-month-long internship. I worked on different data analytics and deep learning projects and helped them generate good revenue.

CERTIFICATES

Deep Learning For Computer Vision-NPTEL (08/2022 - 11/2022)

Linux for Data Engineers (Hands On)

SQL for Data Science (03/2022 - 03/2022)

Data Visualization with Power BI

LANGUAGES

English
Full Professional Proficiency

Hindi
Native or Bilingual Proficiency

INTERESTS

Artificial intelligence · Physics