

Mohd Nadeem

Data Scientist

I am a dedicated machine learning enthusiast seeking to find a challenging position to work in the field of data science. 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 face detection, speech recognition, image classification, machine translation, and chatbots using natural language processing.



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🐙 github.com/snad0

EDUCATION

M.Sc. Electronics

Jamia Millia Islamia

11/2020 - 07/2022

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 distancing 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.

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.

Movie Recommendation System

- A project based on machine learning is programmed using a dataset of a collection of movies, and it runs on a beautiful GUI window.
- A user can add their favorite movie, genre, or director and then it runs an algorithm to find the top 30 perfect matches for this movie based on genre, cast, title, etc.

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-recognition, etc. Click on GitHub link for the code.

SKILLS

python

SQL

Deep Learning

Open CV

Machine Learning

Computer Vision

Tensorflow

Data Analytics

NLP

cuda

Flask

Linux

Data Analysis

Mysql

Microsoft Power BI

VBA Macros

Docker

CERTIFICATES

Deep Learning with Python (02/2022 - 03/2022)

Ensemble techniques in machine learning.

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