Naman Choudhary

DATA SCIENCE ENGINEER

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Summary

Passionate and innovative Computer Science student with a strong foundation in Python (including pandas, NumPy, and scikit-learn), SQL, and statistical analysis. Hands-on experience in data science and machine learning projects and a solid understanding of data structures and algorithms. Recognized for excellent problem-solving skills and the ability to collaborate effectively within team environments

Projects

HAND GESTURE RECOGNITION

- Developed a real-time system using Python, OpenCV and CNN to convert hand-sign gestures into text.
- Implemented data augmentation and training pipelines to achieve ≈ 99% accuracy on test set.
- Created a Tkinter GUI for live hand-gesture capture and translation.

AI-BASED SMART NLP MEETING MINUTES GENERATOR

- Built a pipeline to transcribe meeting audio/video, extract action items and decisions, and auto-generate formatted minutes.
- Employed NLP techniques for summarisation and document generation, streamlining post-meeting workflows.
- Designed a web-based interface (or local app) for users to upload recordings and review outputs.

STUDENT PERFORMANCE PREDICTOR

- Collected and cleaned dataset of student metrics (attendance, assignment scores, engagement) and built predictive models (linear regression, random forest) to forecast outcomes.
- Evaluated models using RMSE/MAE and presented feature-importance insights to stakeholders.
- Developed a visual dashboard to highlight at-risk students and simulate intervention scenarios.

Educational History

BACHELOR OF COMPUTER SCIENCE ENGINEERING
SUNDER DEEP ENGINEERING COLLEGE
2022 - 2026
CGPA: 76% (1ST TO 6TH SEMESTER)

INGRAHAM ENGLISH MEDIUM SCHOOL
12TH - 72.5% (2020 - 2022)
10TH - 81% (2010 - 2020)

Relevant Skills & Tools

- Python
- Data Science Packages: (Pandas , Numpy , matplotlib , scikit-learn, TensorFlow)
- Data Science Algorithms:
- Classification(Random Forest , Decision Tree , KNN , SVM)
- Regression(Linear , Multiple Linear, Ridge , Lasso)
- Clustering(K-Means)
- Deep Learning(CNN)
- Power Bi

CERTIFICATE Certificates

CERTIFICATES

- Participated in a 24 hr Hackathon
- Python for Data Science and machine learning (Udemy)
- Power Bi for Data visualization (Udemy)
- StarQuest Machine Learning course(youtube)