Anmol Madhav

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SKILLS

- **Languages**: Python, Java
- **Frameworks**: ComfyUI, TensorFlow, Machine Learning, Generative AI
- **Tools/Platforms**: MySQL, Tableau, Power Bi, MS Excel, MS Word, Streamlit, Render
- **Soft Skills**: Leadership, Project Management, Adaptability, Time Management

INTERNSHIP

Practo Technologies Pvt. Ltd. – A Digital Healthcare Company Jun' 2024 – Jul' 2024
Data Analyst Intern

- Analyzed heart and demographic data to identify patterns and key risk factors associated with heart disease.
- Utilized Python (Pandas, NumPy, Matplotlib, Seaborn) for data processing, visualization, and statistical analysis.
- Applied statistical techniques to uncover correlations and trends in patient health metrics and lifestyle factors.

Tech: Jupyter, Python, NumPy, Pandas, Matplotlib, Seaborn

PROJECTS

Autism Prediction: Feb' 2025 – Mar' 2025

- Developed a supervised machine learning model which achieved 78% accuracy to predict Autism Spectrum Disorder (ASD) based on behavioral and demographic attributes.
- Designed and deployed an interactive Streamlit web application and a command-line tool for real-time risk prediction.
- Preprocessed and encoded categorical data using label encoders, ensuring accurate predictions and robust model generalization.
- Optimized, serialized, and integrated the final model using Pickle, enabling smooth deployment across multiple platforms.

Repository Link: Autism Prediction
Tech: Python, Streamlit, Flask, NumPy, Pandas, Scikit-Learn, Pickle.

Crypto Market Trends Analysis: Dec' 2024 – Dec' 2024

- Performed a comprehensive analysis of cryptocurrency market trends using Power BI and DAX.
- Created interactive dashboards featuring line charts, bar graphs, KPI cards, and slicers for dynamic market analysis.
- Implemented DAX measures for calculating percentage changes, moving averages, and comparative performance insights.
- Delivered actionable insights into crypto market movements to assist investors and enthusiasts in making data-driven decisions.

Repository Link: Crypto Market Trends
Tech: Power Bi Desktop, DAX, Microsoft Excel, Power Quary Editor, Data Visualization Tools

Mini JARVIS - Shareable Dashboards and White Label: Apr' 2024 – May 2024

- Created a Python-based voice assistant using Speech Recognition and OpenAI's GPT-3 API.
- Enabled tasks such as opening websites, launching applications, fetching real-time information, and engaging in text-based conversations.
- Demonstrated proficiency in voice recognition, text-to-speech, and application integration.
- Implemented seamless voice-command handling and response generation through NLP.

Repository Link: Mini-JARVIS
Tech: PyCharm, Python, pyttsx3, OpenAI, Speech recognition

CERTIFICATES

Complete Machine Learning and Data Science | GFG	May 2025
Mastering Generative AI and Chat GPT | GFG	May 2025
Certification in Generative AI by Indian Institute of Technology | Roorkee	Oct' 2024
Certification in Machine Learning by Indian Institute of Technology | Roorkee	Sep' 2024

ACHIEVEMENTS

Secured Dean List: Jan' 2024
Among the top 10 % students in my whole 2026 batch

EDUCATION

Lovely Professional University Punjab, India
Bachelor of Technology - Computer Science and Engineering *Since Aug' 2022*