Priyanshu Gupta

Jalandhar, Punjab

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Profile

Highly ambitious Data Analyst with advanced Python and data analysis skills seeks an entry-level position. Developed a machine learning model leveraging CNN, achieving 90% accuracy in tumor detection within a medical imaging project (MedVision). Proficient in Excel, MySQL, and Python; eager to contribute data-driven insights and automate reporting processes.

Education

B.tech (Computer Science Engineering)

DAV Institute of Engineering & Technology, Jalandhar, Punjab 2023 – 2026

CGPA/Percentage: 8.2

Diploma (Computer Science & Engineering)

Mehr Chand Polytechnic College, Jalandhar, Punjab 2020 – 2023

CGPA/Percentage: 80

Technical Skills

Languages: Python, Java, C++, C, Kotlin

Frameworks: Xml, Streamlit, Tkinter

Tools: Git, JupyterNotebook, VScode

Projects

Medvision | *Cnn, Tensorflow, Python, Numpy, Pandas* May 2025

Developed a brain tumor prediction system (Medvision) using a CNN implemented with TensorFlow, Python, NumPy, and Pandas. This image classification model accurately identifies the presence of brain tumors in MRI scans, providing a critical diagnostic tool. The project leveraged advanced neural network techniques for efficient and accurate tumor detection.

Covid Insight | *Python, Numpy, Pandas, Streamlit, Matplotlib, Seaborn* Aug 2024

Developed a data visualization dashboard using Python (NumPy, Pandas, Matplotlib, Seaborn, and Streamlit) to analyze a COVID-19 dataset. The project effectively communicated the pandemic's impact through interactive graphs, charts, and histograms, providing clear insights into key trends and patterns. This resulted in a readily accessible and informative resource for understanding the data.

House Price Prediction | *Python, Numpy, Pandas, Streamlit* March 2025

Developed a house price prediction model using XGBoost and Random Forest algorithms, achieving over 90% accuracy. Leveraged Python, NumPy, Pandas, and Streamlit to clean, analyze, and process the dataset, resulting in a robust predictive model. This project demonstrated proficiency in data manipulation, machine learning model implementation, and deployment using a streamlined user interface.

CERTIFICATIONS

- Kotlin Beginner to Advanced - Udemy
- Python and Data Science - O7 Services
- Machine learning Using Python

ACHIEVEMENTS

- Achieved first place in college-organized hackathon.
- Completed over 300 LeetCode coding challenges.