



AYUSH CHAUBEY

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Websites, Portfolios, Profiles

- <https://www.linkedin.com/in/ayush-chaubey-90751422b>

Personal Summary

I am a Data Analyst with a Bachelor's degree in Computer Science (ongoing), and 1.7 years of experience in data analysis, visualization, and reporting. I have expertise in Python, Excel, Tableau, and SQL, with a strong foundation in data cleaning, statistical analysis, and predictive modeling. I am skilled at transforming complex data into actionable insights to support business decisions.

Education

Shree L.R. Tiwari College of Engineering | Mumbai, India

Bachelor of Engineering in Computer Engineering

07/2025

- GPA: 8.7

Adarsh Education | Mumbai, India

Higher Secondary Education in Science

08/2021

Skills

- Data analysis
- Machine learning
- Statistical modeling
- Predictive analytics
- Database management
- Microsoft Excel
- Sentiment analysis
- Customer segmentation
- Python programming
- Data preprocessing
- Data analytics

Experience and Projects

JobClassify | Mumbai, IN

Data Analyst

05/2023 - 02/2025

- Processed candidate and job data, providing key insights to improve the job matching process and support decision-making
- Improved candidate-job matching accuracy by 30% by analyzing large datasets and implementing machine learning algorithms to identify patterns and correlations
- Developed interactive dashboards using Excel and Power BI, streamlining the reporting process and reducing manual reporting time by 40%
- Collaborated with cross-functional teams (HR, recruitment, and sales) to define data requirements and deliver actionable solutions, impacting 5 departments within the organization
- Automated candidate screening by building predictive models, reducing manual review time by 200 hours per month

College project
Project leader
07/2024 - 04/2025

- Worked as a Project leader
- Built a machine learning model to predict real estate prices based on features like location, size, and amenities
- Used regression techniques for price forecasting
- Deployed the model with Flask for real-time predictions

College project
Sentiment Analysis on Social Media
09/2024 - Current

- Built a sentiment analysis model to analyze social media posts using NLP techniques like TF-IDF and Logistic Regression
- The model classified posts as positive, negative, or neutral, providing insights into public opinion on various topics

College project
Credit Card Fraud Detection
05/2024 - Current

- Developed a machine learning model to detect fraudulent credit card transactions using imbalanced data techniques like SMOTE and Random Forest
- The model identified suspicious transactions with high accuracy, reducing fraud risks for financial institutions

College project
Customer Segmentation Specialist
02/2024 - Current

- Implemented a machine learning-based customer segmentation model using K-means clustering to categorize customers based on purchasing behavior and demographics
- The model helped optimize marketing strategies and personalize customer experiences in an e-commerce platform

Publications

ForeSight Realty: A Comprehensive AI-Powered Framework for Real Estate Investment Analysis, Ayush Vinod Chaubey, Prashant Kumar Pathak, Priyan Achhelal Verma, Shivendra Anil Pathak, 2025-04-01, 2025-12-31, International Journal of Electrical, Electronics and Computer Systems, 14, 1, <https://journals.mriindia.com/index.php/ijeecs/article/view/230>

Key Achievements

- Built model boosting price prediction accuracy, 25
- Increased job matching accuracy, 30
- Reduced reporting time using dashboards, 40
- Automated screening saved hours monthly, 200

Languages

Hindi: First Language
English:

C1

Advanced (C1)