

ANMOL HEMANI

Machine Learning Engineer

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SUMMARY

Aspiring and solution-driven Machine Learning Engineer with a strong foundation in Computer Science and hands-on experience in supervised and unsupervised learning, feature engineering and model evaluation. Skilled in Python, SQL, scikit-learn and data visualization. Passionate about building intelligent systems and leveraging data to drive automation and predictions.

SKILLS

Machine Learning: Supervised & Unsupervised Learning, Feature Engineering, Model Evaluation, Tuning
Technical Tools: Python, Flask, MySQL, scikit-learn, Pandas, NumPy, Matplotlib, Seaborn, Plotly
Data Handling: Data Cleaning, EDA, SQL, Data Preprocessing
Soft Skills: Team Collaboration, Problem Solving

EXPERIENCE

Data Science Trainee

Regex Software Services | Jaipur | Dec 2024 – Present

- Built machine learning models using scikit-learn (regression and classification) for business forecasting and decision-making.
- Applied feature selection, hyperparameter tuning, and model evaluation techniques to optimize performance.
- Conducted statistical analysis, enhancing forecasting accuracy by 15% and reduce model training time.

EDUCATION

Chandigarh University, Gharuan, Mohali, Punjab

Bachelor of Engineering in Computer Science

Adarsh Vidya Mandir, Mandawa, Rajasthan

Intermediate (RBSE)

Aug 2020 - June 2024

CGPA: 7.52

April 2019 - March 2020

Percentage: 67.00

PROJECT

Scrape2Predict: E-Commerce Trends

- Scraped product data from an e-commerce website using Selenium, cleaned and visualized it to identify key trends.
- Built and tuned a machine learning model to predict [price/sales/rating], using scikit-learn and GridSearchCV for optimization.

Hotel Booking Insight System

- Developed a Flask-based Hotel Analytics System integrated with MySQL to display total bookings, average prices, and top 5 best-value hotels based on rating, price, and room type.
- Implemented interactive dashboards with visualizations for revenue trends, room-type group analysis, and top-performing hotels to support better decision-making.

ADDITIONAL INFORMATION

- Certifications:** Elite Certificate in Software Testing (NPTEL), Web -Development (Intern-Shala), Participated in HackCrux 2025 (Hackathon)
- Achievements:** HackerRank Python (5★), HackerRank SQL (4★)
- Languages:** English, Hindi