

Prakhar Purwar

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SKILLS

- Languages:** C, C++, Java, Python, SQL
- Libraries & Tools:** Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn
- Core Concepts:** Data Structures & Algorithms, OOPs, DBMS, Operating Systems
- Tools/Platforms:** Tableau, Excel, Power BI, Operating Systems, Network Communication
- Soft Skills:** Problem-Solving Skills, Team Player, Project Management, Adaptability

INTERNSHIP

Deloitte – Data Analytics Job Simulation

Jun'25 – Jul'25

Data Analyst Intern

- Performed Python-based analysis on revenue trends, customer churn, profitability, and KPI performance.
- Built data-cleaning and preprocessing pipelines using Pandas and NumPy to ensure accuracy.
- Created interactive Tableau dashboards for KPI monitoring and reporting.
- Translated analytical insights into structured business reports for decision-making.

PROJECTS

Retail Sales Performance Dashboard – Power BI – Data Visualization | [Link](#)

Nov'25 – Dec'25

- Built interactive Power BI dashboard analyzing retail sales performance across multiple years.
- Designed data transformation and modeling logic using Power Query and DAX measures.
- Implemented customer, product, and regional analysis for performance comparison.
- Delivered insight-driven visuals enabling faster business decision-making.

Socio-Economic Analysis of Indian Households – Machine Learning | [Link](#)

Mar'25 – Apr'25

- Designed an end-to-end Python-based data processing pipeline to handle 139k+ household records.
- Implemented automated data-cleaning logic by removing features with >90% missing values to improve model reliability.
- Enhanced preprocessing modules using Pandas for median imputation and data consistency validation.
- Performed Exploratory Data Analysis (EDA) and statistical profiling across 37 socio-economic variables.
- Applied feature engineering techniques to support downstream predictive modeling workflows.

Bargain Hunter Bot – Chat Bot | [Link](#)

Feb'25 – Apr'25

- Developed a Python-based chatbot application for automated price comparison across multiple e-commerce platforms.
- Implemented web-scraping modules to fetch real-time product pricing, reducing manual search time by 70%.
- Integrated NLP-based query handling to enable conversational product discovery.
- Designed a scalable and modular architecture allowing seamless integration of new APIs and marketplaces.

TRAINING

Lovely Professional University (Centre for Professional Enhancement) | [Link](#)

Jun'25 – Jul'25

Summer Training

- Engineered a car price prediction model as part of the "Machine Learning Made Easy" summer training initiative.
- Leveraged Random Forest regression to generate high-accuracy price forecasts across multivariable inputs.
- Optimized model performance through hyperparameter tuning and iterative evaluation workflows.
- Deployed the solution as an interactive Streamlit application to enable real-time, user-driven price estimation.
- Utilized Python, Pandas, Scikit-learn, and Streamlit to deliver an end-to-end, production-ready analytics asset.

ACHIEVEMENT

- Participated in Binary Blitz Web Hackathon, contributing to a team-based web solution.

Mar'24

CERTIFICATES

- ChatGPT Made Easy: AI Essentials for Beginners by Udemy | [Link](#)
- Completed Cloud Computing Course by NPTEL | [Link](#)
- Programming for Data Science by Coursera | [Link](#)
- Responsive Web Design by FreeCodeCamp | [Link](#)

Aug'25

Apr'25

Dec'25

Nov'23

EDUCATION

Lovely Professional University

Punjab, India

- Bachelor of Technology - Computer Science and Engineering; **CGPA: 7.24**

Since Aug 2023

Mahant Bhagwat Vishal Inter College

Kadaura, Jalaun

- Intermediate; **Percentage: 67.66%**

Apr 2020 - Mar 2022

Dr B R Ambedkar High School

Kadaura, Jalaun

- Matriculation; **Percentage: 79.59%**

Apr 2018 - Mar 2020