

Prakhar Purwar

LinkedIn: www.linkedin.com/in/prakharpurwar/

GitHub: www.github.com/prakharpurwar

Email: purwarprakhar00@gmail.com

Mobile: +91-7703039509

SKILLS

- Languages:** 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

- Improved risk-identification accuracy by ~20% by building Python-based analytical workflows across 10+ business scenarios.
- Designed and executed data-processing pipelines to handle complex datasets and business rules.
- Integrated Tableau dashboards with backend data workflows to enable dynamic reporting and stakeholder review.
- Delivered data-backed recommendations that enhanced operational visibility and risk-mitigation strategies.

PROJECTS

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.

Electric Vehicle Analytics Dashboard – Data Visualization | [Link](#)

Mar'25 – Apr'25

- Built Excel dashboard tracking EV KPIs, enabling faster performance monitoring and decision-making.
- Designed dynamic computation logic using Pivot Tables, Slicers, and advanced formulas.
- Implemented structured data-refresh workflows, reducing reporting turnaround time by 40%.
- Built an executive-ready dashboard interface enabling quick insight generation and decision support.

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](#)

Aug'25

Apr'25

EDUCATION

Lovely Professional University

Punjab, India

- Bachelor of Technology - Computer Science and Engineering; CGPA: 7.0

Since Aug 2023

Mahant Bhagwat Vishal Inter College

Kadara, Jalaun

- Intermediate; Percentage: 67.66%

Apr 2020 - Mar 2022

Dr B R Ambedkar High School

Kadara, Jalaun

- Matriculation; Percentage: 79.59%

Apr 2018 - Mar 2020