

Varun B

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GitHub: <https://github.com/varun539>

Portfolio: <https://varun539.github.io/portfolio/>

Career Objective

Passionate Data Science student with hands-on experience in Python, SQL, and Machine Learning. Skilled at turning raw data into actionable insights through EDA, feature engineering, and model deployment.

Currently building and deploying ML projects that solve real-world business problems, with a strong interest in remote opportunities.

Skills

- Programming: **Python**
- Libraries: **NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn**
- Database: **MySQL**
- Tools: **Jupyter Notebook, Kaggle Notebook, VS Code, Streamlit, GitHub**
- Concepts: **Data Cleaning, EDA, Feature Engineering, ML Modeling, Model deployment**

Projects

Walmart Weekly sales prediction

- Merged multiple datasets and engineered key features
- Trained a Random Forest model to forecast weekly sales
- Deployed an interactive app using Streamlit
- GitHub: <https://github.com/varun539/walmart-sales-prediction>
- Live Demo: <https://walmart-sales-prediction-varun.streamlit.app/>

Customer Churn Prediction

- Analyzed telecom dataset to predict customer churn risk.
- Compared multiple models (Logistic Regression, Random Forest, XGBoost).
- Final model: Logistic Regression + SMOTE (ROC-AUC: 0.84+).
- Deployed Streamlit app for churn probability prediction.
- Impact: Helps telecom companies reduce churn by targeting at-risk customers.
- Github: <https://github.com/varun539/customerchurn-app>
- Live Demo: <https://customer-churn-app-byvarun.streamlit.app/>

Indian Startup Funding EDA (2015–2021)

- Cleaned and standardized raw dataset (\$50B+ funding data).
- Discovered key insights: 2017 peak year (\$10B+), Bengaluru hub (\$23B+), top investors Sequoia & Accel.
- Visualized industry trends (E-commerce, FinTech, EdTech growth) & funding type evolution.
- Impact: Provided actionable insights on India's startup ecosystem for investors & entrepreneurs.

IPL Data Analysis

- Performed EDA on IPL datasets using Pandas & Seaborn
- Discovered trends like top players and match-winning factors
- Enhanced data storytelling and visualization skills

Certifications

- GenAI Powered Data Analytics Job Simulation -TATA
- Quantitative Research Job Simulation -JPMORGAN
- Data Science Training certificate –ACMEGRADE
- Python with Libraries- SKILLERA
- Python programming workshop- I HUB IIT ROORKEE

Education

- **Lovely Professional University, Punjab**
B.Tech in Computer Science & Engineering (Specialization: Data Science) *July 2024 – Present*
- **SMV Model HSS, Thiruvananthapuram, Kerala** Intermediate (Class 12) – 88%
-Apr 2021 – Mar 2023
- **Technical High School, Nedumangad, Kerala**
Matriculation (Class 10) – 95%
-Apr 2020 – Mar 2021

Languages

- English – Fluent
- Malayalam- Native