

# Rishu Anand

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## SUMMARY

Data analyst with hands-on experience in Power BI, SQL, Python, and Excel, focused on turning complex data into actionable insights. Skilled in dashboard development, KPI tracking, ETL processes, and predictive analytics. Holds a strong academic background in electronics and communication engineering, with exposure to micro-controllers, signal processing, and machine learning. Experienced in API deployment, stakeholder reporting, and project coordination.

## EXPERIENCE

### Project Design Intern

Maven Silicon Softech Pvt Ltd

Aug 2023 - Oct 2023

- Supported electrical calibration and high-voltage project execution with hands-on exposure to field-level engineering and safety compliance.
- Assisted in construction and maintenance of EHV transmission lines and substations.
- Gained exposure to technical tasks, including installation and calibration of electrical components.
- Oversaw project progress while ensuring adherence to safety protocols.

## PROJECT

### Flipkart Sales Dashboard

Business Intelligence & Data Analytics

- Developed interactive dashboards in Power BI to analyze Flipkart's sales performance across products, customers, and regions.
- Applied Python (pandas, NumPy) for data cleaning, transformation, and trend analysis on large-scale sales datasets.
- Delivered insights on revenue, return rates, and customer segmentation to support strategic decision-making.
- Designed multiple visual themes including pastel, neon, glassmorphism, and 5D layouts for recruiter-facing presentation.
- Enabled geo-targeting and product-level optimization through KPI tracking and regional performance mapping.

### Bengaluru House Price Prediction

End-to-End ML Web App

- Built a full-stack machine learning web application to predict real estate prices using Bengaluru housing data.
- Trained a regression model with feature engineering, outlier handling, and hyperparameter tuning via GridSearchCV.
- Deployed the model using Flask API and connected it to a responsive frontend built with HTML, CSS, and JavaScript.
- Achieved an  $R^2$  score of 0.82 and 200ms API response time for real-time predictions.
- Structured the project for production with modular codebase, Postman-tested endpoints, and future-ready enhancements.

## EDUCATION

### Bachelor's in Electronic and communication Engineering

Vellore institute Technological • Vellore, Tamil Nadu • May 2021 - July 2025 • 8.17

### Higher Secondary School

Happy Valley School • Bhagalpur, Bihar • April 2018 - May 2020 • 84

## SKILLS

Python, C++, SQL, MATLAB

Data Cleaning, EDA, Pandas, NumPy, Matplotlib, Seaborn, Power BI, Tableau, Excel (Pivot Tables)

Scikit-learn, Regression, Classification, Clustering, TensorFlow, Keras, PyTorch (basics)

Digital Electronics, Microcontrollers (8051, Keil), Embedded C, Signal Processing, MATLAB

Git/GitHub