

Rishu Anand

+918873159436 | anandrishu71@gmail.com | linkedin.com/in/rishu-anand-550448233 | https://github.com/Ris005

SUMMARY

Results-driven Data Analyst and Power BI Developer with a strong foundation in Electronics and Communication Engineering. Skilled in transforming complex datasets into actionable insights using Power BI, SQL, and Excel. Experienced in data cleaning, visualization, and exploratory analysis, with a growing expertise in Machine Learning. Equipped with project management principles and analytical problem-solving to deliver business-focused solutions.

TECHNICAL SKILLS

Programming Languages: Python, C++, SQL, MATLAB

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

Machine Learning & Deep Learning: Scikit-learn, Regression, Classification, Clustering, TensorFlow, Keras, PyTorch (basics)

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

Tools & Others: Git/GitHub, OpenCV

PROJECTS

1 . Diwali Sales Data Analysis (Python, Pandas, NumPy, Matplotlib, Seaborn)

Leaned and transformed raw data using Pandas and NumPy, and visualized key trends with Matplotlib and Seaborn.

Performed **exploratory data analysis (EDA)** on Diwali sales data to uncover customer behavior and optimize festive marketing strategies

top-selling products, high-performing regions, and demographic buying patterns (age, gender).

Delivered actionable insights to improve **customer targeting and inventory planning**, enhancing overall sales performance.

2 . Digital Music Store Data Analysis (SQL)

Analyzed music store database using **advanced SQL queries** (joins, subqueries, window functions).

Identified gaps in product sales and customer engagement to provide recommendations for **business growth strategies**.

3. Sales Dashboard (Power BI – Madhav Store)

Designed and deployed an **interactive Power BI dashboard** to track and analyze online sales data across India.

Created dynamic visualizations for **sales trends, customer demographics, and regional performance**.

Improved business decision-making by enabling real-time **sales monitoring and insights**.

EXPERIENCE

Harsh Electronics Pvt Ltd

Project Intern in Sensors Dept

Oct 2024 -Nov 2024

- Conducted research on reinforcement learning algorithms for robotics
- Implemented and evaluated deep RL models using PyTorch and RLlib
- Presented findings at weekly research meetings

Maven Silicon Softech Pvt Ltd

Project Design Intern

Assisted in construction and maintenance of EHV transmission lines and substations. .

Aug 2023 - Oct 2023

- Gained exposure to technical tasks, including installation and calibration of electrical components.
- Oversaw project progress while ensuring adherence to safety protocols.

EDUCATION

Vellore institute Technological

Bachelor's in Electronic and communication Engineering(CGPA :- 8.17)

Vellore, Tamil Nadu

MAY 2021 – JULY 2025

Higher Secondary School

Happy Valley School(Percentage :- 84)

Bhagalpur , Bihar

April 2018 – May 2020

CERTIFICATIONS

- AWS Certified Machine Learning - Specialty
- SQL and Relational Databases 101 by IBM