

OM RAJESH CHITMALWAR

omrajeshchitmalwar@gmail.com | +91 9606127512

GitHub | LinkedIn

EDUCATION

Siddaganga Institute of Technology
Bachelors in Electronics and Instrumentation Engineering
CGPA: 9.20

Tumkur, Karnataka
July 2019 - August 2023

EXPERIENCE

Yuma Energy | Data Analyst Intern September 2024 - December 2024

- Created **SQL-driven operational reports** to optimize battery management process, leading to a **3% reduction in operational anomalies**.
- Designed and deployed an **Executive dashboard** using **Streamlit**, integrating 10+ **KPI's** to streamline organizational **decision-making**.
- Documented the database** structure and improved existing **Streamlit Dashboard** with **HTML & CSS**, enhancing usability and reducing **on-boarding time by 40%**.

Société Générale Global Solution Centre | Intern March 2023 - August 2023

- Implemented a **Grafana dashboard** by writing advanced SQL queries, creating an **ETL** pipeline using **SQLAlchemy**, and fine-tuning in **Grafana**, increasing **operational efficiency by 30%**.
- Developed **REST APIs** using RESTful architecture, contributing to **40% of the back-end** functionality in application development.
- Led **research and innovation** for **unicorn projects**, and boosting **success rates by 20%** and contributed to organizing **innovation events**.

SKILLS

Programming Languages:	Python, SQL
Libraries/Frameworks:	Pandas, Numpy, Matplotlib, Seaborn, BeautifulSoup, Scipy, Plotly, Streamlit
Tools / Platforms:	MS Excel, Power BI, Grafana, Jupyter Notebook
Databases:	PostgreSQL, MySQL, SQL Server, Dbeaver, MongoDB, Metabase

PROJECTS

Swiggy Funnel Analysis | Link *MS Excel, Funnel Analysis, Data Visualization*

- Conducted comprehensive **funnel analysis** using **MS Excel** to track **customer interactions** and identify drop-off points, providing **actionable insights** for process improvement.
- Utilized advanced **Excel functions** and **pivot tables** to visualize trends and optimize the user interface, enhancing overall **user experience** and **engagement**.

A/B Testing | Link *Python, Pandas, Matplotlib, Seaborn, Scipy*

- Conducted **A/B testing** on **10,000 users** to analyze **ad effectiveness**, creating visualizations to identify trends and refine **ad targets**.
- Performed **chi-square** and **Mann-Whitney U tests**, validating findings and deriving actionable insights for **campaign optimization**.

Online Retail Store | Link *SQL, SQL Server*

- Designed and implemented tables and automated data processes with **triggers**, and **streamlined data integration**, and **improved data consistency**.
- Executed **advanced SQL queries and indexing**, **optimized views**, and **implemented security** and **backup protocols** to enhance **data reporting** accuracy and ensure **data recovery**.

HONORS & AWARDS

- Co-authored "*Smart Glove with Gesture Based Communication and Monitoring of Paralyzed Patient*"
- National winner** of NAAVIC Agri Hackathon hosted by **Ministry of Agriculture and Farmers, GOI**
- Delivered **Guest Lecture** at **BMSCE**, Bangalore on Placement Preparation and Data domain

CERTIFICATIONS

- IBM Data Fundamentals - Issued by IBM
- Cisco Data Analytics - Issued by Cisco
- Career Essential in Data Analytics - Issued by Microsoft and LinkedIn