

SUNIL KUMAR REDDY

Data Analyst | Python, SQL, Power BI Expert | Real-Time Data | Business-Driven Insights
Bangalore Karnataka | Open to Remote | Immediate Joiner | +91 9380691205 | Willingness to Relocate |
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Education

HIMALAYAN GARHWAL UNIVERSITY

Bachelor of Computer Application CGPA: 7.55/10

Uttarakhand, India

May 2019 - Aug 2021

Projects

EV Infrastructure Analytics ([GitHub Repo](#))

Nov 2024 – Mar 2025

- Visualized **1,000** EV charging stations across **28** Indian states in Power BI using custom shapefiles, analyzing station density and distribution.
- Detected infrastructure gaps in **8** states with **<20** stations each, and highlighted **5** states holding **>45%** of total network coverage through state-wise aggregation.
- Conducted geospatial clustering to identify **6** high-demand urban corridors and **3** underutilized rural zones, supporting load distribution and expansion modeling.
- Delivered state-level KPIs including coverage ratio (**<0.5 stations per 10,000 vehicles**) and regional disparity index, informing EV investment prioritization strategies.

Retail Sales Optimization via Price Elasticity ([GitHub Repo](#))

Dec 2024 – Mar 2025

- Conducted price elasticity analysis ($\epsilon > 1.5$) on **1,000+** SKUs, forecasting a **22%** revenue increase and **10%** rise in unit sales over 12 months by quantifying discount impact.
- Created Power BI dashboards with **12** months of sales and margin data, enabling simulations that improved pricing decisions by **25%**.
- Simulated five discount strategies in Python across product categories, boosting campaign **ROI** by **18%** and preserving **>20%** profit margins on **85%** of SKUs.
- Defined discount thresholds and clustered products into **4** price sensitivity segments, reducing revenue leakage by **15%** and driving targeted pricing actions.

Cryptocurrency Market Intelligence Dashboard ([GitHub Repo](#))

Jan 2025 – May 2025

- Engineered a real-time cryptocurrency analytics dashboard using **Python**, **MySQL**, and **Power BI**, delivering investor-ready insights across **5+** market KPIs, including volatility, trading volume, and dominance trends.
- Integrated the **CoinGecko API** to automate and streamline real-time ingestion for **50+** cryptocurrencies, eliminating manual updates and ensuring **100%** data reliability for continuous market monitoring.
- Delivered cryptocurrency market insights through **Power BI**, identifying key causes of crashes and enabling data-driven strategy adjustments.
- Optimized data pipelines using **Pandas** and **MySQL**, improving processing speed by **70%** and enabling **real-time dashboard** refreshes.

Technical Skills

Programming & Data Analysis: Python (Pandas), SQL, MySQL, Excel (VLOOKUP, Pivot Tables).

Data Visualization: Power BI (DAX, Power Query, Custom Maps), Tableau, Excel Dashboards.

Data Engineering: REST API Integration (CoinGecko, Open Charge Map), Real-Time Pipelines.

Certifications

Data Analyst Bootcamp – Grow Data Skills (Ongoing)

SQL Advanced Certification – HackerRank [Credential](#)

Issued Aug 2025

Issued Jun 2025