

PHANI MADHAVI SANKISA

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SUMMARY

Data Analyst with 4 years of hands-on experience writing and optimizing SQL queries and building Python automation scripts across production data environments. Proven ability to develop automated data validation checks, streamline CRM data retrieval, and manage large-scale datasets with a strong focus on accuracy and data quality.

EXPERIENCE

SENIOR DATA ANALYST

Feb 2020 - Oct 2022

Star Health and Allied Insurance

India

- Implemented a Python script that automated cross-system data validation (COUNT, SUM, MIN/MAX) across 10 relational tables during a Oracle-to-cloud migration — replacing 300+ hours of manual SQL checks performed by a 4-person team over 6 months.
- Automated monthly CRM data retrieval using Python and Postman, reducing report generation time by 30–50% while maintaining 100% accuracy across all outputs.
- Established and enforced data management SOPs (SQL, Python, Excel) across a team of junior analysts, achieving 100% compliance and reducing inconsistencies in reporting outputs

Transportation Data Specialist

Aug 2016 - Aug 2017

Amazon Development Centre India

India

- Cleaned and standardized data for 4,000+ delivery partners using Python and SQL — removing duplicates, handling missing values, and ensuring data integrity across logistics datasets.
- Monitored delivery capacity and performance metrics such as delivery acceptance rate, driver ratings during peak demand periods, coordinating surge block allocations and communicating operational variances to internal stakeholders to maintain service levels and minimize fulfillment delays.

PROJECTS

DATA ANALYST

Aug 2023 - Aug 2024

Springboard

- Developed a predictive modeling pipeline on 50,882 customer records to analyze insurance offer response behavior, performing data cleaning, feature engineering, and multi-model comparison to support customer segmentation.
- Developed an NLP-based sentiment analysis model to classify customer reviews and identify opinion trends, uncovering key insights such as a strong positive correlation between review length and helpfulness to inform product and service improvement strategies.

CORE SKILLS

Programming & Automation: SQL, Python (Pandas, NumPy)

Analysis & Visualization: Power BI, Tableau, Excel

Databases: Microsoft SQL Server, Oracle, PostgreSQL

EDUCATION

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| • Springboard Data Science and Machine Learning Bootcamp | San Francisco, USA - 2024 |
| • PGP (Data Science and Machine Learning), Great Lakes Institute of Management | Bengaluru, India - 2020 |
| • MTech (Biotechnology), Jawaharlal Nehru Technological University | Hyderabad, India - 2019 |