

SURYA VAMSI KARAKA
Data Analyst

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Professional Summary

Data Analyst with **1+ years of experience** in designing data-driven solutions. Proficient in **Python, SQL, Power BI, PySpark, Databricks, and AWS Cloud** to optimize workflows and enhance business intelligence. Adept at developing scalable data ingestion pipelines, creating **interactive dashboards**, and driving actionable insights. Passionate about leveraging analytics to improve operational efficiency and decision-making.

Career Snapshot

Having 1 year of IT experience as Data Analyst

- Working in **KRISHNAS DIGITAL AND SOFT LABS** as **Data Analyst** from Aug 2024 to Present.

Educational Summary

- B. Tech in Computer Science and Engineering from **Lendi Institute of Engineering & Technology** in **2024** with **CGPA 7.6**.

Skill Set

- Programming Languages:** Python (Pandas, NumPy, Scikit-learn), SQL, PySpark
- Data Tools:** Databricks, Metabase, Excel, Power BI
- Technical Skills:** Data Structures and Algorithms, Object-Oriented Programming (OOPs), Database Management Systems (DBMS)
- Cloud Technologies:** AWS Cloud
- Relevant Coursework:** Data Engineering, Data Analytics

KRISHNAS Digital And Soft Labs

Project: Python Call Center Logging Data Engineering

Roles & Responsibilities:

- Led the development of a robust data management application for call center operations, streamlining data analysis and order processing workflows.
- Leveraged **PySpark** and Databricks to design and implement scalable data processing and analytics pipelines, optimizing performance for handling large-scale call center datasets.
- Architected data loading workflows to efficiently ingest data from .csv files into an in-memory **DBFS** or default database, establishing streamlined data storage and retrieval processes that improved data accessibility for analysis
- Delivered actionable insights by performing comprehensive analysis and organization of user and call data, generating detailed reports in .csv format to support business decision-making.
- Proficiently utilized **Python** and **SQL** for file **I/O** operations and implemented complex data transformation processes to enable advanced analytics.

Project: 1930 CSB Dashboard Analytics

Roles & Responsibilities:

- Led in-depth analysis of TGCSB data (monthly, daily, weekly, hourly) to provide strategic insights into agent performance and department-wise growth. Oversaw the extraction, transformation, and loading (ETL) of data from raw log files into Metabase, enabling seamless analysis and visualization. Designed and implemented a suite of customized dashboards, including:
 - **Agent Analysis Dashboard:** To effectively monitor and evaluate agent performance metrics.
 - **Bar Charts Dashboard:** To visualize trends and identify opportunities for operational improvements.
 - **Trends Dashboard:** To highlight key patterns and growth opportunities over time, informing strategic planning.
- Enhanced decision-making capabilities for TGCSB by delivering comprehensive and insightful visualizations of financial, helpdesk, and non-financial call metrics, leading to more effective resource allocation and reduced call resolution times.
- Architected data loading workflows to efficiently ingest data from .csv files into an in-memory **DBFS** or default database, establishing streamlined data storage and retrieval processes that improved data accessibility for analysis
- Delivered actionable insights by performing comprehensive analysis and organization of user and call data, generating detailed reports in .csv format to support business decision-making.
- Proficiently utilized **Python** and **SQL** for file **I/O** operations and implemented complex data transformation processes to enable advanced analytics.

Coding Profiles

- **LeetCode:** Solved 100+ coding challenges, demonstrating proficiency in data structures and algorithms.
- **HackerRank:** Achieved 3-star ranking in problem-solving and SQL, indicating strong analytical and database query skills.
- **Coding Platforms:** Completed 400+ coding exercises across various platforms (e.g., CodeChef, GeeksforGeeks), showcasing a broad range of coding experience.

Certifications

- **Databricks** Certified Associate Developer for Lakehouse Fundamentals
- **Salesforce** Certified Developer