LOKESH JONNADULA

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PROFESSIONAL SUMMARY

Analytical data enthusiast with nearly a year of experience as a Junior Data Analyst, adept at transforming complex datasets into actionable insights. Proficient in Python, SQL, and data visualization tools like Power BI and Tableau, I developed an interactive dashboard that empowered stakeholders to predict future sales trends, enhancing data-driven decision-making. Currently pursuing a Master's in Data Science, I'm excited to leverage my skills and projects, such as a Sales Forecast Analysis Dashboard, to drive impactful data solutions.

EDUCATION

Clark University **August 2023 - June 2025**
Master's, Data Science *GPA: 3.78*

SKILLS

Skills: Python, Power BI, Tableau, Excel/Numbers/Sheets, MATLAB, Statistics, C/C++, Splunk, Business Analytics, SQL, Business Analytics, R programming, Data Analysis, ETL, Database Maintenance, HTML/CSS
LIBRARIES: Pandas, NumPy

PROFESSIONAL EXPERIENCE

Data labs India **India**
Junior Data Analyst *June 2022 - December 2022*

- Enhanced data-driven decision-making by developing an interactive dashboard using Tableau and PowerBI, enabling stakeholders to visualize historical data and forecast sales performance.
- Predicted future sales trends accurately by implementing SQL and Python for time series analysis and regression models, supporting strategic planning.
- Improved KPI tracking and operational success by designing KPIs and integrating them into Excel dashboards, allowing for detailed sales trends and performance analysis.

PROJECTS & OUTSIDE EXPERIENCE

Sales Forecast Analysis Dashboard *August 2024 - September 2024*

- Enhanced sales forecasting accuracy by 20% by utilizing Python for time series analysis and regression models in the development of a Sales Forecast Analysis Dashboard using historical sales data.
- Improved decision-making efficiency for business stakeholders by leveraging Tableau and PowerBI to create interactive visualizations displaying insights such as projected revenue and demand patterns.

Smart Home using Virtual Assistant **India**

- Enhanced home security and monitoring by designing and implementing a surveillance module using Python and Pi camera, integrating a notification system to alert users of interactions at the main door.
- Improved system functionality and user engagement by connecting a Raspberry Pi with a Pi camera, relay channel, microphone, and speakers to create a cohesive home automation system.

Instagram Likes Prediction Model *July 2024 - August 2024*

- Increased prediction accuracy by 20% by implementing Lasso Regression and Ridge Regression models using Python and SQL to analyze user interaction data for forecasting Instagram post likes.
- Achieved high model performance by utilizing KPIs to assess the effectiveness of regression models, leading to the selection of the best-performing model for Instagram likes prediction.

Home Automation using Google Assistant **India**

- Enhanced home automation functionality by developing a system that decodes Google Assistant commands and interfaces with a microcontroller to control relays, improving user experience.
- Facilitated integration with smart devices in a home automation project by implementing Python scripts for command decoding and relay control.