RAM POLISETTI

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SUMMARY

Data Analyst with expertise in Python, SQL, and Tableau, driving significant operational improvements. Experienced in Agile methodologies, holding a Master's in Data Science and Google Data Analytics certification.

SKILLS

Data Analysis & Tools: Python, Java, SQL, R, Apache Spark, Tableau, Google Data Studio, Power BI, AWS, GCP (Big Query)

Database & ETL: MySQL, PostgreSQL, Amazon Redshift, Alteryx, Amazon Glue

Machine Learning & Analytics: scikit-learn, TensorFlow, SPSS, SAS, Google Analytics

Project Management: Agile and Scrum methodologies, Git, Jira, CI/CD practices

Certifications: Google Professional Data Analytics Certificate (Coursera), Lean Six Sigma: Green Belt (LinkedIn Learning)

PROFESSIONAL EXPERIENCE

JerseySTEM.org, Data Analyst, Florham Park, NJ, Mar 2024 – Present

- Created an advanced automated data pipeline using SQL, Python, and Alteryx at JerseySTEM.org, significantly improving data collection and analysis, and thus supporting better decision-making and program effectiveness.
- Integrated real-time data automation using Postman and Webhooks, optimizing data workflows and enhancing organizational responsiveness to data trends and needs.
- Implemented a comprehensive daily reporting system using AppSheet, Tableau, and Google Data Studio, offering actionable insights that improved project outcomes and organizational accountability through data visualization.
- Instrumental in adopting agile methodologies within the data analytics department using Jira, markedly improving productivity and accelerating project delivery through optimized workflows and team collaboration.

Amazon, Transportation Specialist ATS USA Linehaul, Hyderabad, India, Nov 2020 – Jul 2022

- Led a strategic initiative to reintegrate over 1,000 logistical units into the Amazon Transportation Network, enhancing network efficiency by 35% across North America through effective team leadership and strategic execution.
- Applied Python and SQL to automate equipment scheduling and route optimization, reducing logistical costs by $2M and decreasing unutilized transportation capacity by 8%.
- Developed an ETL framework with Amazon Glue, integrating data from over 10 sources to improve data accuracy by 40% and streamline information flow, cutting data retrieval times for stakeholders by 25%.

PROJECTS

Sales and Revenue Analysis Dashboard
Power BI, SQL, DAX

- Spearheaded the creation of an advanced BI dashboard in Power BI, synthesizing data from multiple sources to track and analyze real-time sales and profitability metrics by product and region.
- Leveraged SQL for intricate data queries and DAX for precise metric calculations, providing decision-makers with actionable insights that led to a 20% enhancement in sales strategy and resource distribution efficiency.

Customer Sentiment Analysis and Engagement Strategy
Python (NLP), Social Media APIs, Tableau

- Pioneered a sentiment analysis initiative by applying NLP techniques in Python to dissect social media and customer review data, extracting meaningful insights into customer sentiment.
- Constructed a sentiment analysis model that categorized customer feedback and identified improvement opportunities. Key findings were displayed on a comprehensive dashboard in Tableau, enhancing real-time sentiment monitoring and strategic decision-making.

EDUCATION

University at Buffalo - SUNY, Buffalo, New York

Master's in Data Science, Sept 2022 – Jan 2024