PRUDHVINATH REDDY KATHA
BUSINESS ANALYST

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Dynamic Business Analyst and Data Analyst with 2+ years of experience in data quality management, business operations support, and actionable insights delivery. Proven ability to analyze complex datasets, build impactful dashboards, and automate data pipelines to improve forecasting, pipeline management, and decision-making. Skilled in SQL, Python, Tableau, and Power BI, with a track record of streamlining processes and collaborating with cross-functional teams. Seeking to leverage analytical expertise to support data quality projects and drive high-impact business outcomes.

Experience

Data Analyst & Big Data Developer
Cognizant Technology Solutions – Hyderabad, India | Aug 2021 – Dec 2022
- Conducted end-to-end data quality analyses for sales and operational programs, ensuring data accuracy and integrity across large datasets.
- Built advanced SQL scripts to perform impact analysis on system-wide issues, enabling data-driven decisions for critical business needs.
- Designed and maintained interactive dashboards in Tableau and Power BI, supporting cross-functional teams in strategic planning and operational efficiency.
- Automated ETL pipelines for data ingestion and processing, reducing processing times by 30%.
- Delivered ad-hoc analyses to identify key insights, directly influencing executive priorities and decision-making processes.
- Collaborated with stakeholders to troubleshoot complex system issues, escalating to technical teams as required to ensure timely resolution.
- Provided mentorship to junior team members, improving team performance in analytics projects.

Programmer Analyst - Trainee/Intern
Cognizant Technology Solutions – Hyderabad, India | Feb 2021 – Jul 2021
- Supported the deployment of robust cloud analytics solutions using AWS services, including DynamoDB and Step Functions.
- Assisted in writing and validating SQL queries to analyze datasets for operational reporting and forecasting.
- Gained hands-on experience in Agile workflows, coordinating with cross-functional stakeholders to execute deliverables efficiently.

Data Analyst - Intern
Indian Institute of Technology – Chennai, India | Jan 2019 – Jul 2020
- Conducted trend analysis using Python and Pandas, enhancing event participation rates by 20%.
- Developed and deployed Tableau dashboards for real-time monitoring of project performance, supporting key operational decisions.
- Cleaned, linked, and structured datasets for effective analysis and reporting, contributing to streamlined project workflows.

PROJECTS

Pipeline Management and Forecasting Optimization Project
- Developed SQL-based solutions for pipeline management to improve forecasting accuracy by 20%.
- Correlated multiple datasets to identify trends, enabling proactive adjustments to sales strategies.

- Built and maintained a Tableau dashboard for cross-functional teams to monitor KPIs and drive business outcomes.

ETL Implementation for Sales Analytics Using AWS
- Designed a complete ETL pipeline using AWS services (S3, Lambda, Redshift), reducing data processing times by 30%.
- Automated data integrity validations, ensuring reliable and consistent insights for business decisions.

Predictive Models for Air Quality Trends
- Developed predictive models with Scikit-learn, achieving a 90% accuracy rate.
- Delivered actionable insights through Power BI dashboards, facilitating environmental policy planning.

SKILLS

- **Programming**: SQL, Python, Java
- **Methodologies**: SDLC, Agile/Scrum, Waterfall
- **Data Visualization**: Tableau, Power BI
- **Cloud Infrastructure**: AWS (S3, Redshift, Lambda, DynamoDB)
- **Business Analysis**: Impact Analysis, Data Quality, Requirements Gathering, Hypothesis Testing
- **Tools:** MS Project, MS Excel, MS SharePoint, JIRA, Figma, Confluence, Teams
- **BI/Reporting Tools:** SQL (T-SQL, PL/SQL), Power BI, MS Office Suite (Excel, Word, PowerPoint)
- **Management:** Project Management, Strategic Planning, Stakeholder Management, Change Management, Vendor Management
- **Data Integration:** Informatica, SSIS, Oracle Cloud
- **Operating Systems:** Windows, Linux
- **Soft Skills**: Communication, Problem Solving, Stakeholder Collaboration.

EDUCATION

Masters in Computer Science
Kent State University, Kent, OH (Jan 2023 – Dec 2024)
Bachelors in Computer Science
Sathyabama University, Chennai, India (Aug 2017 – May 2021)

Certifications & Training

- AWS Certified Solutions Architect – Associate *(In Progress)*
- Google Project Management – Professional *(In Progress)*
- Data Analysis Using Tableau
- Machine Learning Basics
- Red Hat Linux System Administration

ADDITIONAL HIGHLIGHTS

- Proficient in building dashboards to drive data-driven decisions for cross-functional teams.
- Experienced in troubleshooting issues, coordinating with service desks, and escalating to resolve complex data and system problems.
- Strong background in statistical integrity, accuracy, and adequacy of analytical deliverables.