

MADHU KIRAN DADISETTY

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Experienced Data Engineer with a proven track record of overall 4+ years of experience, 3 years specializing in data visualization with Power BI and Tableau, as well as 1 year of expertise in cloud technology, particularly AWS. Proficient in transforming complex data into actionable insights, seeking to leverage this experience to drive strategic growth and operational excellence through data-driven solutions. Committed to delivering innovation, process optimization, and nurturing data-driven cultures for business success.

Skills

Programming Languages – C, Python, R

Certification- AWS Certified Solution Architect Associate, Introduction to Financial Accounting

Business Intelligence – BI Tools, Dashboard Development

Data Analysis/Engineering/Data Science – Data Mining, Predictive Modelling

Data Visualization – Tableau, Power BI

Database Management – SQL

Microsoft Office suite- Word, PowerPoint, Excel, etc.

Soft Skills – Team Collaboration, Problem Solving, Communication, Independent Work, Customer service and Continuous Learning

Professional Experience

Cloud Engineer

June 2022 – July 2023

Rackspace Technology US - India Offices, Hyderabad, India

- Functioned as AWS Technical Cloud Administrator with certification on AWS Solution Architect Associate.
- Proficiently deployed and managed AWS servers, including EC2, RDS, security groups, auto-scaling, and load balancers, within defined virtual private connections.
- Demonstrated expertise in EBS Volumes, EIPs, Snapshots, and AMIs, facilitating instance replication across various regions and availability zones.
- Implement and maintain monitoring solutions like AWS CloudWatch to proactively identify and address issues affecting website performance and availability.

Data Engineer

May 2019 - May 2022

TVS Motor Company, Tamil Nadu, India

- Worked on data visualization tools such as Tableau and Power BI for analysing and developing new methodologies to understand customer behaviour, conduct service marketing-related activities, and standardize promotional materials for the improvement of service business.
- Developed financial models to forecast revenue based on historical data and market conditions, helping in strategic planning and decision-making.
- Collaborating with cross-functional teams to understand data requirements, optimizing data workflows, and ensuring data integrity throughout the entire process.

Academic & Professional Projects

- Student Performance Prediction in Online Courses using Machine Learning models – KNN, Logistic Regression, Random Forest, Decision Tree, Support vector machine and neural networks.
- Tableau Dashboard development- Workshops profitability, Parts & Oil Consumption and Express Service.

Achievements

- Received an 'Excellent' rating for performance in year-end project appraisal.
- Multiple client appreciations for continuous hard work put in to reach deadlines.

Extracurricular Activities

- Completed adventure camp in the Himalayas and acquired proficiency in elementary skills of Rock climbing, rappelling, trekking, survival, and leadership.
- Came forward for community harmony activities such as teaching underprivileged kids in rural schools as part of the NSS program.

Education

Master of Science, Business Analytics and Information Systems

Expected May 2025

University of South Florida, Florida, Tampa

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Relevant Courses: Data Mining and Advanced database Management system, Analytical Methods for Business

Bachelor of Engineering, Mechanical Engineering

Apr 2019

GITAM University, Visakhapatnam, AP, India

9.17/10