

Madhu Kiran Dadisetty

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EDUCATION

University of South Florida- Tampa, FL, USA

Master of Science: Business Analytics and Information Systems

Exp Grad May'25

GPA 3.89*/4.0

GITAM University, Visakhapatnam, AP, India

May 2015 - Apr 2019

Bachelor of Technology: Mechanical Engineering

GPA 9.17/10.0

PROJECT WORK

- Student Performance Prediction in Online Courses using Machine Learning models ([Link](#)) Aug'23 – Nov'23
Predicted student performance in online courses utilizing diverse data science algorithms, including KNN, Logistic Regression, Random Forest, Decision Tree, Support Vector Machine, and Neural Networks. Achieved an accuracy of 0.849.
- Super Store Revenue Analysis Dashboard: Power BI Mastery in Sales Forecasting and Dynamic Data Visualization Dec'23 – Jan'24
Investigated an Advanced Power BI Sales Dashboard project, unveiling 2-year sales trends, KPIs, and an interactive map with region filters for strategic business insights and growth.
- Wine Quality Prediction: Modeling and Assessing Wine Quality using Machine Learning Algorithms Aug'23 – Nov'23
Delved into the realm of predicting the quality of wine through machine learning. Examined physicochemical attributes to improve precision in quality prediction utilizing machine learning algorithms such as Decision Tree, Logistic Regression, and SV Machine.
- Covid-19 Insights: An In-depth Tableau Dashboard for Analyzing Pandemic Data in India Jul'21 – Dec'21
Explored a comprehensive Tableau dashboard providing crucial Covid-19 insights, aiding government decisions with state-wise details on deaths, cases, testing, and vaccination.
- Strategic After-Sales Enhancement for Dealership Profitability Apr'20 – Apr'22
Revolutionized dealership profits by optimizing after-sales service through data-driven strategies. Enhance CCE utilization, employee engagement, workshop capacity, and customized services for unparalleled customer satisfaction and sustained profitability.

WORK EXPERIENCE

Rackspace Technology US - India Offices, Hyderabad, India

Cloud Engineer

June'22 – July'23

- 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.

TVS Motor Company, Tamil Nadu, India

Senior Data Engineer/Business Analyst

May'19 – May'22

- Worked on data visualization tools such as Tableau and Power BI for analyzing and developing new methodologies to understand customer behavior, 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.
- Analyzed the customer data for adding additional services, and in the improvement of the guest experience.
- Did predictive analysis to predict demand trends and tendencies based on customers' historical data.

SKILLSET AND CERTIFICATION

- **Programming Languages** – C, Python, R, SQL (Database Management)
- **Certification**- AWS Certified Solution Architect Associate, Introduction to Financial Accounting
- **Data Analysis/Engineering/Data Science** – Data Mining, Predictive Modelling (Machine Learning)
- **Data Visualization** – Tableau, Power BI, Dashboard Development
- **Microsoft Office suite**- Office365, Word, PowerPoint, Excel, etc.
- **Soft Skills** – Team Collaboration, Problem Solving, Communication, Independent Work, Customer service and Continuous Learning
- **Course Work**: Analytical methods of Business, Data Mining, Advance Database Management System, Advanced Systems Analysis and Design, Cloud Solutions Architecture, Distributed Information Systems, Operations research.