

YASHWANTH MARINGANTI

Data Engineer

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SUMMARY

Data Engineer with over 1+ year of experience in designing, developing, and maintaining robust data processing systems. Proficient in leveraging big data technologies such as Hadoop, Spark, and Kafka to build scalable data pipelines. Adept at implementing ETL processes using Python and SQL, resulting in optimized data workflows and reduced redundancy. Demonstrated ability to collaborate with cross-functional teams to deliver data-driven solutions that enhance business performance. Proven track record of managing cloud-based data infrastructure on AWS and Azure, ensuring high availability and security. Strong analytical skills with a focus on data quality and integrity.

PROJECTS

Customer Loyalty Tracker: [Github Link](#)

- Developed a comprehensive dashboard in **Power BI** to track and visualize key performance indicators.
- **Analyzed** and **visualized** call center metrics including **total number of calls** answered/abandoned, speed of answer, length of calls

Bike Sales Dashboard Project: [Github Link](#)

- Developed a comprehensive **Bike Sales Dashboard** using a Kaggle dataset to analyze sales trends, customer demographics, and product performance.
- Conducted **exploratory data analysis** (EDA) to identify key sales patterns and insights, leading to actionable business recommendations.
- I explored the dataset, checked for missing values and outliers, and Removed the outliers.

Heart Disease Analysis and Prediction: [Github Link](#)

- Description: Analyzed a heart disease dataset from Kaggle to predict the presence of heart disease in patients.
- Metrics: Achieved an accuracy of 81% on the test dataset.
- Visualized key insights using tools like **Matplotlib** or **Seaborn**.
- Conducted feature engineering, selecting relevant features and transforming them.

EDUCATION

Masters in Information Science Machine Learning

June 2024 - March 2026

The University Of Arizona

Bachelors Of Technology in **Computer Science and Engineering**

Aug 2016 - Sep 2020

Malla Reddy Institute Of Technology And Science, Hyderabad

- Database Management Systems, Operating Systems, Computer Networks, Data Structures and Algorithms.

TECHNICAL SKILLS

- **Programming Languages:** Python, R, Java
- Proficient in **MS Office suite (Outlook, Excel, Word, PowerPoint)**, AWS, Azure
- ETL Workflows, Strong **data mining** and **data science**
- Excellent written, verbal, and collaboration
- **Database Management:** SQL, MongoDB
- **Certifications:** **Google Cloud Digital Leader**, **Pwc Virtual Data Analytics Certificate**
- **Version Control:** Git
- **Other Skills:** Deep Learning, Neural Networks, Apache Spark, Linux