

RAM LAXMAN SHASTRY JAGARLAPUDI

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CAREER SUMMARY

Detail-oriented and highly motivated Data Science graduate with strong foundations in data analysis, visualization, and statistical modeling. Skilled in using analytical tools to extract actionable insights and support data-driven decision-making. Seeking an entry-level Data Analyst role to apply technical expertise, problem-solving abilities, and a continuous learning mindset to deliver value to the organization.

EDUCATION

Vaagdevi college of Engineering	2020-2024
B. Tech in Computer Science [Data Science]	CGPA:7.32

TECHNICAL SKILLS

- Data Analysis & Visualization: Power BI, Tableau, Excel (Advanced), Matplotlib, Seaborn
- Programming & Databases: Python (Pandas, NumPy, Scikit-learn), SQL, MySQL
- Data Science & Statistics: Hypothesis Testing, Regression, Clustering, Data Cleaning, EDA
- Tools & Platforms: Jupyter Notebook, Google Colab, GitHub
- Soft Skills: Analytical thinking, Communication, Teamwork, Problem-solving

ACADEMIC PROJECTS

Sales Performance Dashboard (Power BI & Excel)

- Designed and developed an interactive Power BI dashboard to track sales KPIs such as revenue, profit, and regional performance, enabling management to make data-driven decisions.
- Automated data cleaning and transformation processes in Excel and Power BI, reducing manual reporting efforts by 40%.
- Implemented DAX measures and dynamic filters to provide real-time insights, improving visibility into sales trends and business performance.

Customer Segmentation using K-Means Clustering (Python, Scikit-learn)

- Conducted Exploratory Data Analysis (EDA) on customer purchase history to identify key behavioral patterns and data-driven features for clustering.
- Implemented K-Means clustering in Python to segment customers into distinct groups, achieving an 85% silhouette score for clustering performance.
- Helped identify 10% cost-saving opportunities through data-driven insights.

Financial Data Analysis (SQL & Tableau)

- Designed and deployed interactive Tableau dashboards using SQL-driven datasets, uncovering trends in profit margins, expenses, and investment performance to support strategic decision-making.
- Optimized SQL queries for faster data extraction and reporting from large financial datasets.
- Delivered actionable insights that identified 10% potential cost savings through data analysis.

CERTIFICATES

- Data Analytics with Python
- AWS Cloud Virtual Internship