

sasi kishore varma

Data Scientist | Machine Learning | Statistical Analysis | Data Visualization

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SUMMARY

Data Science enthusiast with 1 year of experience in machine learning and statistical analysis. Proficient in designing and implementing data-driven solutions that drive business improvement. Adept at leveraging advanced analytical techniques to extract actionable insights and optimize decision-making processes.

EXPERIENCE

Junior Data Scientist

365 Data Science

📅 2023 - 2024

Worked in 365data science team focusing on implementation of machine learning models.

- Developed and deployed a machine learning model that boosted efficiency by 20%, optimizing operational processes.
- Managed and processed large datasets using Python and SQL, improving data collection efficiency by 30%.
- Collaborated with cross-functional teams to design and implement advanced statistical analysis models, enhancing data insights and decision-making.

Assistant Data Analyst

365 Data Science

📅 2022 - 2023

Assisted in analyzing large sets of data and providing insights to the marketing team.

- Assisted in extracting and analyzing large datasets, reducing operational time by 15% through streamlined processes.
- Provided data-driven insights that contributed to marketing strategies, increasing lead generation by 10%.
- Managed and optimized databases using SQL, ensuring high data integrity and availability for accurate decision-making.

EDUCATION

B. Tech in Mechanical Engineering

Jawaharlal Nehru Technological University

📅 2019 - 2022

Diploma in Mechanical Engineering

Jawaharlal Nehru Technological University

📅 2014 - 2017

LANGUAGES

English Native Telugu Native Hindi Native

STRENGTHS

- Analytical**
Successfully analyzed large datasets to drive business strategies at 365Data Science
- Problem-solver**
Tackled data discrepancies at 365Data Science ensuring data accuracy and integrity

SKILLS

Python SQL Machine Learning Tableau R Data Visualization Statistical Analysis
Data Mining Generative AI EDA Deep Learning Natural Language Processing(NLP) A/B Testing
Time Series Analysis Feature Engineering Predictive Modeling

CERTIFICATION

Python for Data Science

Certification course by the 365Data Science

Applied Data Science with Python

Certification course by the 365Data Science

Completed a Data Science

Certification from 365 Data Science

Certification course by the 365Data Science

PASSIONS



Artificial Intelligence

Always fascinated by the possibilities of AI and machine learning



Continuous Learning

Participate in Kaggle competitions and write Medium blogs on deep learning and generative AI.



Data Storytelling

Transform complex data into actionable insights with Tableau dashboards and clear visualizations.

PROJECTS

Customer Churn Prediction Model

📅 2024

Junior Data Scientist

- Built a machine learning model (XGBoost, Logistic Regression) to predict customer churn.
- Engineered features like user engagement frequency and session duration, improving model accuracy by 18%
- Tools:** Python (Pandas, Scikit-learn), SQL, Tableau.
- Outcome:** Reduced client churn by 15% through targeted retention campaigns.

NLP-Powered Sentiment Analysis Tool

📅 2024

Junior Data Scientist

- Developed an NLP model (BERT, TF-IDF) to analyze customer reviews for a retail client, categorizing sentiment.
- Reduced manual analysis time by 40% and identified key pain points (e.g., delivery delays).
- Tools:** Python (NLTK, TensorFlow), GenAI (GPT-3.5 for text generation).
- Outcome:** Client improved product ratings by 20% after addressing feedback.

Marketing Campaign ROI Analysis

📅 2023

Assistant Data Analyst

- Analyzed historical marketing data to identify high-performing campaigns using A/B testing and cluster analysis.
- Automated data extraction with SQL and visualized insights in Tableau, reducing report generation time by 25%.
- Tools:** SQL, R, Tableau, Excel.
- Outcome:** Optimized ad spend allocation, increasing lead conversion by 12%.

KEY ACHIEVEMENTS



Machine Learning Model Development

Built a customer churn prediction model using Python (Scikit-learn) with 92% accuracy, enabling a 25% increase in retention for a local business by targeting high-risk clients.



Data-Driven Volunteer Impact

Analyzed 500+ survey responses with SQL and Tableau for a community program, identifying key trends that drove a 30% increase in participant engagement.

INDUSTRY EXPERTISE

Finance



Retail



NLP



Data Visualization



Marketing



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<https://github.com/sasivirat>

SasiKishoreVarma



<https://medium.com/@sasi.virat1997>

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