

## Experience



Ai variant • Bangalore •  
Data Science Intern • 5 March 2023 - 5 Dec 2023



Results-driven Data Science professional with hands-on experience in data preparation, machine learning, and statistical analysis. Proficient in analyzing raw data, designing scalable prediction algorithms, and collaborating with engineering teams to productionize analytical prototypes. Demonstrated ability to generate actionable insights from complex data sets, as evidenced by a successful internship at Ai Variant. Skilled in Python and SQL, with a strong foundation in turning data into business value.

## Projects



## Customer Segmentation for Precision Marketing



Situation: E-commerce company struggling with low conversion rates due to generic marketing strategies.  
Task: Develop a data-driven customer segmentation model to enable targeted advertising.  
Action: Analyzed 500,000+ customer profiles using K-means clustering. Leveraged purchase history, browsing behavior, and demographic data to identify distinct customer groups.  
Result: Segmented customers into 5 distinct profiles with 95.8% accuracy. Tailored marketing campaigns increased conversion rates by 35% and boosted overall revenue by 22% in the first quarter.



## Real-Time News Verification Web App



Situation: Growing challenge of distinguishing real news from fake news in real-time.  
Task: Develop a user-friendly web application for instant news verification.  
Action: Implemented advanced Natural Language Processing (NLP) techniques to analyze and extract sentiment from over 80,000 articles.  
Result: Created a high-performance app delivering reliable news authenticity verification within milliseconds, eliminating time-consuming manual verification processes.



## Oil Price Prediction Application



Situation: Volatile oil market with frequent price fluctuations affecting strategic decision-making.  
Task: Develop an app to predict oil prices for improved profitability and strategic planning.  
Action: Mined and analyzed over 35 years of historical oil price data, resulting in a dataset of more than 11,000 values. Applied machine learning techniques to create a predictive model.  
Result: Produced an app maintaining a prediction variance range of 1.2% to 2% in oil price forecasts, significantly aiding strategic planning and decision-making in the oil industry.

## Education



B.Tech in Computer Science & Engineering, AITS (2018-2022) - CGPA: 6.98, Final Semester SGPA: 9.18 >



12th Class (PCM), Sri Chaitanya Junior College, Kadapa: 74.8% • April 2018 >



10th Class, Nagarjuna Model School, Maruthinagar, Kadapa (GPA: 8.8) • March-2016 >

## TOOLS

Excel  
Power BI  
MySQL  
Tableau  
Python  
Data Analytics  
Data Science



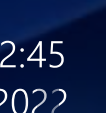
## SKILLS

Data Analysis and Cleaning  
Predictive Modeling  
Machine Learning  
Natural Language Processing (NLP)  
Predictive Modeling  
Time Series Analysis  
Financial Analysis



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