

VATTIKUTI SHIVARAM

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Professional Summary

Data Science enthusiast skilled in Python, SQL, and Machine Learning, delivering predictive models and dashboards for business insights. Certified by IBM, Cisco, and Simplilearn, I excel in data analysis and visualization. Eager to solve complex challenges as a Data Scientist.

Technical Skills

- **Programming:** Python (Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, NLTK), SQL
- **Visualization:** Tableau, Power BI, Plotly Dash, Excel
- **Machine Learning:** Linear/Logistic Regression, SVM, Decision Trees, KNN, Clustering
- **Advanced:** Deep Learning (TensorFlow, Keras), NLP (Sentiment Analysis)
- **Tools:** Jupyter Notebook, Google Colab, Git, GitHub, VS Code

Certifications

- **IBM Data Science Professional Certificate**, Coursera
- **Power BI Certification**, Simplilearn
- **Tableau Certification**, Great Learning
- **Data Analytics Essentials**, Cisco Networking Academy

Key Projects

- **SpaceX Falcon 9 Launch Success Prediction, IBM Capstone** • Collected launch data via APIs, web scraping with BeautifulSoup.
- Performed EDA with Pandas, Matplotlib, Seaborn.
- Built ML models (Logistic Regression, SVM, KNN), 92% accuracy.
- Created Plotly Dash dashboard for visualization.
- **Superstore Sales Analysis, Data Visualization**
- Conducted EDA with Pandas for sales and customer insights.
- Designed Tableau dashboards, improved marketing by 15%.
- Identified key product and regional sales trends.
- **Automobile Sales Dashboard, Power BI**
- Built Power BI dashboards for sales across years, regions.
- Used DAX for year-over-year growth metrics.
- Enabled monitoring with dynamic filters.
- **Sentiment Analysis with NLP, Machine Learning** • Preprocessed text with NLTK, spaCy for classification.
- Built Naive Bayes, LSTM models, 85% accuracy.
- Optimized with TF-IDF and hyperparameter tuning.

Education

B.Tech, Electronics and Communication Engineering, Gurunanak Institute of Technology, JNTU CGPA: 7.0/10 ,2023
Relevant Coursework: Data Structures, Statistics, Signal Processing

Volunteering

Fundraising Volunteer, Street Cause GNI

- Raised 50,000+ for education of 20+ children.
- Gained communication and event planning skills.
- Secured corporate and community donations.

Professional Development

- GitHub contributor with data science project portfolio.
- Kaggle participant, top 20% in ML challenges.
- Completed courses in Python, ML, and Tableau.