SAKTHIKUMAR

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[Portfolio](https://sakthivijay7.github.io/Dynamicportfolio/) | [GitHub](https://github.com/sakthivijay7) | [LinkedIn](https://www.linkedin.com/in/sakthikumar7)

# Professional Summary

Aspiring Data Analyst with hands-on experience in Excel, Power BI, Tableau, MySQL, and Python. Proficient in data collection, cleaning, visualization, deploying in streamlit web UI and analysis to data-driven decisions, insights. Built end-to-end dashboards and working real-world large datasets and predictive modeling.

# Technical Skills

Languages & Tools: Python, SQL, MySQL, Excel, Power BI, Tableau

Techniques: Data Collection, Cleaning, EDA, Visualization, Predictive models and Fundamental of Machine learning &Deep learning.

# Projects

* Gold Price Forecasting – Time series prediction on XAU/USD gold price. XGBoost achieving 99.7% R². Visualized insights using Power BI.
* Credit Card Fraud Detection – Developed predictive model on Kaggle dataset. Random Forest achieving 90%+ accuracy with detecting fraud and EDA
* IMDB Review sentiment Classification -Used NLP & ML in Python. Logistic Regression achieving 88% accuracy. Streamlit web UI for visual predict.
* Healthcare Management System – Designed MySQL database for hospital operations; executed SQL queries for patient data retrieval.
* Intraday Stock Analysis – Collected 1-min stock data using Alpha Vantage API, built Power BI dashboards for stock trends with clear insights .
* Global Superstore Sales Analysis – Cleaned data using Power Query, created Excel dashboards with pivot tables and charts with clear insights .

# Experience

• Completed 30-Days Data Analyst Masterclass & AI/ML Internship in Novitech Research & Development. Gained practical exposure to Excel, SQL, Python, Tableau, and Power BI by building real-time projects.

# Education

Master of Computer Applications (MCA) – The Kavery Engineering College, Mecheri  
Final Semester – Expected 2025

Bachelor of Science (B.Sc.) in Mathematics – The Government Arts and Science College, Dharmapuri  
Completed in 2022

# Certifications

* Google Data Analytics Professional Certificate – Coursera
* 30-Day Data Analyst Masterclass & ML/AI Internship – Novitech R&D