Madhu Sudhan Kambam

Kadapa, AP | 📞 7674820913 | 📧 madhufresher3001@gmail.com| LinkedIn | GitHub

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Professional Summary

Analytical and precise Data Analyst skilled in SQL, Python, Power BI, and Excel. Experienced in delivering business-impacting insights through real-world projects across fraud detection, supply chain, and marketing analytics. Known for building automated dashboards, reducing manual effort by 30–50%, and delivering predictive models with 85–92% accuracy. Eager to use technical expertise and analytical abilities to make better judgments in a fast-paced company

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Technical Skills

- **Languages**: Python, SQL
- **Tools**: Power BI, Microsoft Excel, Tableau (Basic), GitHub, Jupyter Notebook.
- **Techniques**: Data Cleaning, Statistical Analysis, Data Visualization, Predictive Modeling
- **Concepts**: Business KPIs, Database Design, ETL Pipelines, Data Modeling

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Key Projects

Data Engineering Project: Batch data Ingestion and Processing Pipeline (SQL, Notion, Draw.io, Python)

- Built a MySQL data pipeline using stored procedures, improving batch query performance by 25%.
- Documented data flow and processes using Notion, improving stakeholder collaboration by 20%.
- Automated batch data ingestion with Python, cutting manual processing time by 30%.
- Project Link

Credit Card Fraud Detection (Python, SQL)

- Developed ML model detecting fraud with **92% precision** across 50,000+ transactions.
- Evaluated 50,000+ historical transactions using SQL queries to identify fraud patterns.
- Delivered insights in a mentor presentation—recommended for inclusion in project showcase.
- Project Link

Supply Chain Management Analysis (Excel, Power BI)

- Optimized supply chain efficiency by analyzing product performance for a dataset of 5,000+ items.
- Reduced delivery delays by **15%** via visual performance monitoring.
- Automated data cleaning processes in Excel, saving 10 hours of manual work weekly.
- Project Link

Bank Marketing Prediction (Python, SQL)

- Predicted client subscription to term deposits using logistic regression, achieving 88% accuracy.
- Extracted and cleaned 20,000+ records using SQL for predictive analysis.
- Visualized campaign performance metrics in Power BI for stakeholder presentations.
- Project Link

Tata Data Visualization Virtual Internship (Power BI)

- Designed dashboards to visualize business performance metrics for Tata Group's dataset.
- Improved data accessibility for stakeholders by 25% through interactive reports.
- [Project Link](#)

IBM Capstone Project (Python, SQL)

- Investigated real-world dataset to uncover business trends, delivering a 15-page report.
- Retrieved and cleansed supply chain datasets using SQL, subsequently employing Python to build predictive models; findings enabled a 15% improvement in product delivery efficiency.
- [Project Link](#)

Professional Experience

Virtual Internship, Unified Mentor
Data Analyst Intern | November 2024 – January 2025

- Analyzed delivery data, improving product efficiency by 15% in mock campaigns.
- Developed predictive models for bank marketing campaigns, increasing lead conversion by 10%.
- Contributed to fraud detection systems, processing 50,000+ transactions.

Internship, 360DigiTMG
Data Analytics Intern | March 2024 – July 2024

- Collaborated with industry experts to analyze datasets using SQL and Python.
- Created 10+ Power BI dashboards to present insights, adopted by training team.
- Completed rigorous Data Analytics Program with hands-on projects.

Education

Professional Program in Data Analytics
360DigiTMG (State University of New York) | October 2023 – December 2024

- Major: Data Analytics | Minor: Python, SQL

B.Tech, Computer Science and Engineering
YSR Engineering College of YVU, Proddatur, AP | August 2019 – August 2023

- Minor: Disaster Management and Green Building Technology

Certifications

- Professional Data Analytics Program, 360DigiTMG ([Link](#))
- Databases and SQL for Data Science with Python ([Link](#))
- SQL Certification, HackerRank ([Link](#))
- Tata Data Visualization Virtual Internship, Forage ([Link](#))
- Data Analyst Virtual Internship, Unified Mentor ([Link](#))