Karth

(Karthikeyan Baskaran)

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Summary

Results-driven data analyst with experience in financial analysis, business operations, and automation, leveraging advanced technical skills to drive data-driven decision making and process improvement.

Skills

Data Analysis and Visualization: Power BI, Data Mining, Predictive Analytics
Financial Modeling and Analysis: Financial Statements, Accounting Principles, Financial KPIs
Automation and Process Improvement: Python, VBA, Automation
Business Operations and Collaboration: Cross-functional, Supply Chain, Stakeholder Management
Technical Skills: Excel, Power Query, Data Visualization
Cloud and Machine Learning: Azure, Machine Learning, Tableau

Experience

Purchaser   **Nov 2021 - Aug 2023**
Vestas Wind Technology, India
- Achieved a 15% reduction in procurement costs by developing Python-based automation tools for workflows.
- Improved supplier evaluation using advanced SQL and Power BI dashboards.
- Integrated ML Flow and Python-based tools to automate RFQ processes, reducing processing time by 40%.

Consultant ECM Purchaser, Vestas   **Jan 2021 - Nov 2021**
ManpowerGroup Services, India
- Developed predictive analytics models for demand forecasting, improving delivery timelines by 20%.
- Automated internal workflows using Python and Power Query, enhancing team efficiency by 30%.
- Designed a procurement dashboard using Power BI and Cloud Storage.

Procurement Engineer (Intern)   **Jun 2019 - Jan 2021**
Valeo India
- Achieved 15% cost reductions through strategic vendor sourcing and procurement strategies.
- Built Power BI dashboards for real-time KPI tracking, reducing reporting time by 40%.
- Developed Python-based tools for cost analysis, saving $500K annually.

Projects

LLM-Powered Insights Generator: Built a retrieval-augmented generation (RAG) solution using LangChain and Azure AISearch for advanced data insights. Developed agentic workflows (GraphRAG) to streamline large-scale report generation, reducing manual efforts by 50%. (LangChain, Azure AISearch, GraphRAG)

Meta Financial Dashboard: Designed a Tableau dashboard analyzing KPIs like P/E Ratio and Debt to Equity, improving decision-making accuracy for stakeholders. (Tableau, Financial Analytics)

Customer Churn Prediction: Implemented ML algorithms to predict customer churn using Python and Power BI, integrating data transformation workflows with ML Flow. (Python, Power BI, ML Flow)

SAP Data Automation: Developed automation solutions to streamline data management of SAP using Excel VBA and SAP automation features, enhancing operational efficiency and data accuracy. (SAP, Excel VBA, Automation)

FAANG Forecast Framework: Built machine learning models to forecast FAANG stock performance using financial indicators, deploying results to Azure cloud storage for scalable access and reporting. (Machine Learning, FAANG Stock, Financial Indicators, Azure Cloud)

Education

Diploma in Data Analytics for Business
St. Clair College, Canada   **Sep 2023 - Apr 2025**

Bachelor of Mechanical Engineering
St. Joseph's Institute of Technology, India   **Jun 2014 - Jun 2018**