

Karthikeyan Baskaran

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Summary

Results-driven Data & Insights Analyst with 5+ years of experience in dashboard development, data modelling, and analytics. Proficient in Power BI, SQL, Databricks, dbt, and SSRS for designing scalable dashboards and ensuring KPI consistency. Adept in data extraction, transformation, validation, and report optimization, with a strong focus on governance, documentation, and stakeholder engagement & cross-functional collaboration in agile environments to drive strategic decision-making and continuous improvements.

Skills

Business Intelligence & Reporting: Power BI, SQL, Databricks, SSRS, Tableau
Data Analysis & Governance: Data Modeling, Data Transformation (ETL), Data Extraction, Data Validation & UAT, Data Governance, Report Optimization & Migration
Programming & Automation: Python, Excel VBA, Power Query, Workflow Automation
Tools & Systems: SAP, ERP Systems, KPI Monitoring, Dashboarding, Continuous Improvement
Documentation & Collaboration: Agile, Stakeholder Engagement, KPI Standardization, Central Repository Maintenance, Cross-functional Teams

Work Experience

- Purchaser**
Vestas Wind Systems

Nov 2021 - Aug 2023

 - Developed and optimised Power BI executive dashboards tracking spend, category performance, SLAs and segmentation, enabling strategic decision-making.
 - Extracted, cleaned, and transformed ERP data for reporting pipelines, improving 12% accuracy.
 - Enhanced data governance by documenting process, metrics & KPIs, and reporting logic in a central repository for consistency.
 - Collaborated with cross-functional teams in Agile sprints to define reporting requirements, aligning dashboards with business objectives.
 - Deployed supplier performance dashboards in Power BI, providing real-time visibility into KPIs, vendor metrics, and cost drivers.
 - Retired redundant reports and optimized existing BI assets, improving efficiency and reducing maintenance overhead.
- Consultant ECM Purchaser, Vestas**
ManpowerGroup Services

Jan 2021 - Nov 2021

 - Designed and optimized Power BI dashboards and queries, improving decision accuracy by 18% with real-time procurement analytics.
 - Performed data validation and UAT on ERP process enhancements, ensuring accuracy and consistency of reporting assets.
 - Built automation scripts (Python, SAP scripting) for report generation and validation, cutting processing time by 30%.
 - Implemented lightweight governance and report migration frameworks, supporting the transition from legacy tools.
 - Partnered with finance and engineering teams to define reporting requirements, ensuring alignment of BI deliverables with corporate goals.
- Procurement Engineer(Intern)**
Valeo India

Jan 2019 - Jan 2021

 - Built dashboards and trend analysis in Google Sheets and Excel for supplier performance, reducing manual effort by 40%.
 - Conducted data cleaning and preprocessing using Excel, improving accuracy in cost analysis and sourcing decisions.
 - Standardized supplier cost models and created reporting documentation, enhancing governance and consistency across reports.
 - Applied procurement analytics to optimize sourcing strategy and reduce supplier cost variance by 15%.

Projects

- Procurement Analytics Dashboard**

Developed a Power BI dashboard to track procurement KPIs, SLAs, and category spend. Automated ETL pipelines using Power Query to clean and prepare data, providing stakeholders with accurate, real-time insights. (Power BI, Procurement Analytics, Data Cleaning, ETL, KPIs)
- Customer Churn Analysis**

Processed and cleaned customer data using Python and SQL, applied ML models to predict churn probability, and built dashboards to support retention strategies. Improved accuracy through feature engineering and correlation analysis. (Python, SQL, Data Cleaning, Predictive Modeling, Customer Analytics)
- Data Quality Validation Framework**

Build a lightweight automated data quality and validation pipeline in Databricks using PySpark and SQL to check for missing values and duplicates. Log simplified validation reports in dbt for basic documentation. (Databricks, dbt, Data Quality, SQL, Data Validation)
- Reporting Migration and Governance**

Migrated a small set of SSRS sales reports to Power BI Desktop, ensuring consistency through basic data model validation and simple metadata documentation in a local text file. Implemented lightweight governance rules using a checklist and centralized data definitions. (SSRS, Power BI, Data Governance, Report Migration, Data Modelling)
- Product Analytics Model in Databricks**

Designed a star-schema model in Databricks using PySpark/SQL on a small dataset. Documented transformations in dbt using local CLI and Cloud runs. Created validation dashboards in Power BI Desktop for UAT. Ensured data integrity with basic automated tests in Databricks and versioned logic in GitHub (Databricks, dbt, Data Modelling, Documentation, UAT Validation)

Education

- Post Grad Diploma in Data Analytics for Business**
St. Clair College, Canada

GPA: 4.0 / 4.0
Sep 2023 - Apr 2025
- Bachelor of Mechanical Engineering**
St. Joseph's Institute of Technology, India

GPA: 3.7 / 4.0
Jun 2014 - Jun 2018