

Sanjay Varghese Kurian

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TOOLS & TECHNOLOGY	Tableau, PowerBI, MySQL, MS Excel, Python, Snowflake, Java, C, C++, Machine Learning, MS Office
SKILLS	Time management, communication skills, data driven, diligence, analytical thinking and detail-Oriented

PROFESSIONAL SUMMARY

Highly skilled Business Intelligence Analyst with over 2 years of experience in transforming complex, multi-source datasets into actionable insights that drive strategic decision-making. Expert in BI platforms, data visualization tools (**Tableau, Power BI**), **SQL, Python, and data warehouse design**, with a proven ability to deliver enterprise-grade reporting solutions that improve operational efficiency and business outcomes. Adept at gathering and analyzing data, creating interactive dashboards, optimizing queries, and integrating data across platforms to ensure accuracy, integrity, and accessibility. Recognized for exceptional problem-solving skills, cross-functional collaboration, and the ability to translate business needs into impactful BI solutions. Holds dual postgraduate diplomas in **Big Data Analytics and Artificial Intelligence**, with industry certifications including **SnowPro Core and Microsoft Certified: Power BI Data Analyst Associate**.

PROFESSIONAL EXPERIENCE

TENDERCUTS PVT. LTD

Business Intelligence Analyst

2021 – 2023

- Designed, implemented, and maintained enterprise-grade BI dashboards in Tableau and Power BI, consolidating multi-source sales, inventory, and logistics data into a single source of truth.
- Gathered, analyzed, and interpreted complex datasets using SQL and Python, identifying operational discrepancies that improved efficiency by 10% and boosted revenue from Value-Added Products by 15%.
- Designed and optimized ETL workflows and database structures to ensure data integrity, accuracy, and accessibility across teams.
- Partnered with cross-functional stakeholders to define KPIs, success metrics, and BI requirements, translating business needs into actionable data solutions.
- Developed interactive dashboards and automated reports that reduced manual reporting time by 40%, enabling faster decision-making.
- Utilized query optimization and performance monitoring techniques to improve data retrieval times and reporting efficiency.
- Provided training and documentation to operational teams, fostering data literacy and effective use of BI tools across the organization.

UDVAISK TECHNOLOGIES PVT. LTD

Computer Aided Engineering Analyst (CAE)

2021 (6 mos.)

- Designed and conducted smoke and regression analysis to study smoke flow and device effective evacuation measures, improving evacuation time by 30%.
- Designed and analyzed fluid flow in various geometries to enhance the structural integrity of machines and tanks, resulting in a 20% increase in efficiency and reducing material failure by 15%.

- Developed innovative solutions for optimizing fluid dynamics, leading to a 25% improvement in performance and a 10% increase in the reliability of industrial equipment.

EDUCATION

GEORGIAN COLLEGE

PGDip. in Big Data Analytics

2024

GEORGIAN COLLEGE

PGDip. in Artificial Intelligence Architecture, Design, & Implementation

2023

ANNA UNIVERSITY (COLLEGE OF ENGINEERING)

B.E. in Mechanical Engineering

2016-2020

PROJECTS

LOCAL EXPENSE MANAGEMENT & VISUALIZATION PLATFORM

Flask, Python, pandas, openpyxl, Power BI, Plotly, RapidFuzz, Splitwise API

- Built a Flask-based web tool to clean and categorize expenses with editable forms and autocomplete inputs, replacing manual Excel workflows.
- Integrated a reference Excel table and <datalist>-based autocomplete to assist with consistent category and description entry.
- Fetched live data from the Splitwise API, normalized nested JSON, and auto-categorized transactions using fuzzy matching (RapidFuzz).
- Automated appending of cleaned records to Excel tables with dynamic range updates, formatted for financial reporting.
- Created interactive Power BI dashboards with custom themes, DAX-driven insights, bookmarks, and fallback Plotly charts for offline use.

CERTIFICATIONS

- SnowPro Core COF-C02 Certified
- Microsoft Certified: Power BI Data Analyst Associate
- Data Visualization with Tableau Specialization (University of California, Davis)
- Excel Skills for Data Analytics and Visualization (Macquarie University)
- AWS Academy Cloud Foundations
- AWS Academy Machine Learning for Natural Language
- AWS Academy Machine Learning Foundations
- Artificial Intelligence and Machine Learning (National Institute of Technology, Warangal)