

T R SHEETHAL

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SUMMARY

Power BI Developer and Data Analyst with 2+ years of experience in designing and building ETL processes, including data wrangling, data cleaning, and data modelling. Skilled in driving KPIs and delivering data-driven insights through interactive dashboards. Strong expertise in Power BI, SQL, and Excel for advanced analytics, and proficient in storytelling with data to support stakeholder reporting and business intelligence initiatives.

TECHNICAL SKILLS

Data Visualization Tools: Power BI (Advanced DAX), Tableau, Microsoft Excel (Pivot Charts, Power Query)

ETL Tools: Azure Data Factory, Informatica

Databases: SQL Server, MySQL

Programming Languages: Python (Pandas, NumPy), HTML, CSS

Data Analysis Skills: Data Cleaning, Data Modelling, Statistical Analysis, Dashboard Creation

Excel Expertise: Advanced Formulas (VLOOKUP, INDEX, MATCH, SUMIFS), Conditional Formatting, VBA Automation

Soft Skills: Analytical Thinking, Problem-Solving, Team Collaboration

PROFESSIONAL EXPERIENCE

Thought Minds / Qubiqon (Internal transfer), Kochi

Data Quality Analyst

Feb 2025 – June 2025

- Monitored and validated data accuracy, completeness, and consistency across multiple databases and data pipelines.
- Conducted regular **data profiling and quality checks** to detect anomalies, inconsistencies, and missing or duplicate data.
- Designed and maintained **data quality dashboards and reports** using Power BI and Excel to track KPI metrics (e.g., accuracy, timeliness, and completeness).
- Collaborated with cross-functional teams to identify root causes of data issues and recommend **process improvements** to enhance data integrity and system performance.
- Mentored junior analysts by providing **training on data quality best practices**, tools (such as Power Query, SQL), and workflows to build team capability.

Knowledge Lens-A Rockwell Automation Company, Bengaluru

Software Engineer

June 2022 – Dec 2024

Power BI Project:

- Developed **custom Power BI reports and dashboards**, delivering actionable insights and enabling automated data refresh schedules to support data-driven decision-making.
- Automated complex Excel processes using **VBA macros**, reducing manual effort by **50%** and significantly improving reporting turnaround time.
- Designed and implemented **interactive Power BI visuals** aligned with client requirements, enhancing user engagement and data comprehension.
- Led the **Business Unit Data (BUD) preparation** process as a Power BI Developer, ensuring **data accuracy** by cross-referencing SQL Server data with Power BI reports and visuals.

Azure Data Factory (ADF) Project:

- Led a data migration project from **on-premises SQL Server** to the cloud using Azure Data factory.
- Utilized **Parquet file** format for optimized storage and performance.
- Implemented business logic and transformations using **stored procedures**.
- Managed full and incremental data loads, structuring final tables for reporting and analytics.

Informatica (IICS) Project:

- Developed **ETL** workflows to **extract, transform, and load data** into cloud databases.
- **Configured** connections to cloud applications, databases, and file systems within Informatica.
- Created **mappings, transformations, and workflows** using Informatica Cloud Mapping Designer.
- Provided ongoing support for smooth production delivery and resolved production issues promptly.

EDUCATION

Integrated BCA-MCA (2017-2022)**Amrita Vishwa Vidyapeetham University**

Amrita School of Arts and Sciences, Kochi, Kerala

CGPA : 7.5

Relevant coursework: Programming languages (Java, C/C++, Python), database management systems, software engineering methodologies, web and mobile development projects, networking, and artificial intelligence

Academic Project: Hospital Management System (MERN stack)

Academic Publication: Diagnosis of Pneumonia utilizing X-rays and Image Processing techniques based on Containers and Deep Learning (<https://ieeexplore.ieee.org/document/9909446>)