

Mahalakshmi S

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SKILLS:

Analytical Tools:

- Power BI
- Advanced Excel

Programming Languages:

- SQL (Structured Query Language)
- Python

Database:

- MySQL

PROJECTS:

T20 Cricket World Cup – Final 11 Players [Python | Power BI] Jan 2025

[GitHub Repo](#) | [Live Dashboard](#) | [Coding](#)

- Utilized Python libraries (**BeautifulSoup, requests**) to scrape T20 Cricket World Cup match data.
- Identified top-performing players, consistent teams, and match-winning strategies through Python's pandas for EDA and designed a Power BI dashboard.
- Highlighted key insights, such as identifying the **top 11 players contributing to 60%** of tournament runs and trends in team strategies

Hospitality Analysis – Hotel Chain [Power BI | Excel] Jan 2025

[GitHub Repo](#) | [Live Dashboard](#)

- Customized a Power BI Dashboard using 3 months of hotels and bookings data, pinpointing reasons for declining market share and revenue at AtliQ Grands.
- Crafted Dashboards, created metrics, and delivered additional insights to support strategic decision-making.
- Identified top-performing **hotel (AtliQ Exotica: \$320M), City (Mumbai: \$670M), and hotel occupancy leader (AtliQ Blu: 62.02%).**

Finance and Supply Chain Analytics – Ad-Hoc [SQL | Excel] Nov 2024

[GitHub Repo](#) | [Presentation](#)

- Implemented the Visualization & facilitated AtliQ Hardware to derive that Notebooks, Accessories and Peripherals **contribute to 83%** of the total unique product count.
- Highlighted a sudden decline in Gross Sales in Q3 of FY 2020 because of COVID-19 Pandemic (**\$4M to 0.4M**).

Business 360 - Brick & mortar and ecommerce [Power BI | SQL | Excel | Dax Studio] Oct 2024

[GitHub Repo](#) | [Live Dashboard](#)

- Struggled with outdated Excel-based analytics, AtliQ Hardware aimed to modernize operations using data-driven methods
- Built a detailed operational performance report using Power BI and 2 data sources (**Excel/CSV files and SQL Databases**).
- Developed **5 distinct dashboards**, each for Finance, Sales, Marketing, Supply Chain and Executive Insights.
- Enabled AtliQ Hardware to analyze different department sales trend and discovered Peripherals, PCs, and Networking as top divisions, with Asia-Pacific leading in **Net Sales (\$125.4Mil)** and **Europe in Gross Margin% (33.88%)**.

P & L Report – Finance & Sales Analytics [Excel | Pivot Table | Power Query] Aug 2024

[GitHub Repo](#) | [Live Report](#)

- Conducted a comprehensive Profit and Loss analysis, analyzing key financial indicators including Net Sales, COGS, Gross Margin and Gross Margin%.
- Automated data cleaning using Power Query, which can rescue around **4 hours** of repeated manual work.
- Utilized DAX measure for calculations and pivot tables to improve user experience.

CERTIFICATIONS / AWARDS:

- Secured a **Top 50 SQL** in [leetcode](#) for SQL.
- Python : Beginner to Advanced for Data Professionals | [Codebasics](#)
- SQL : Beginner to Advanced for Data Professionals | [Codebasics](#)
- Power BI for all Levels 3.0 | [Codebasics](#)
- Excel : Mother of Business Intelligence | [Codebasics](#)

EDUCATION:

Sri Ramachandra Engineering and Technology
M.Sc., Data Analytics – CGPA: 8.9
May 2023

Mahalashmi Women’s College of Arts and Science
B.Sc., Computer Science – CGPA: 7.1
April 2021