

Mahalakshmi S

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|   |  |   |
|---|--|---|
| SKILLS:   |  |   |
| Analytical Tools:   | Programming Languages:   | Database:   |
| <ul style="list-style-type: none"><li>Power BI</li><li>Advanced Excel</li></ul>   | <ul style="list-style-type: none"><li>SQL (Structured Query Language)</li><li>Python</li></ul> | <ul style="list-style-type: none"><li>MySQL</li></ul> |
| PROJECTS:   |  |   |
| T20 Cricket World Cup – Final 11 Players [Python   Power BI]  |  | Jan 2025  |
| <a href="#">GitHub Repo</a>   <a href="#">Live Dashboard</a>   <a href="#">Coding</a>   |  |   |
| <ul style="list-style-type: none"><li>Utilized Python libraries (<b>BeautifulSoup</b>, <b>requests</b>) to scrape T20 Cricket World Cup match data.</li><li>Identified top-performing players, consistent teams, and match-winning strategies through Python's pandas for EDA and designed a Power BI dashboard.</li><li>Highlighted key insights, such as identifying the <b>top 11 players contributing to 60%</b> of tournament runs and trends in team strategies</li></ul>   |  |   |
| Hospitality Analysis – Hotel Chain [Power BI   Excel]   |  | Jan 2025  |
| <a href="#">GitHub Repo</a>   <a href="#">Live Dashboard</a>  |  |   |
| <ul style="list-style-type: none"><li>Customized a Power BI Dashboard using 3 months of hotels and bookings data, pinpointing reasons for declining market share and revenue at AtliQ Grands.</li><li>Crafted Dashboards, created metrics, and delivered additional insights to support strategic decision-making.</li><li>Identified top-performing <b>hotel (AtliQ Exotica: \$320M)</b>, <b>City (Mumbai: \$670M)</b>, and <b>hotel occupancy leader (AtliQ Blu: 62.02%)</b>.</li></ul>   |  |   |
| Finance and Supply Chain Analytics – Ad-Hoc [SQL   Excel]   |  | Nov 2025  |
| <a href="#">GitHub Repo</a>   <a href="#">Presentation</a>  |  |   |
| <ul style="list-style-type: none"><li>Implemented the Visualization &amp; facilitated AtliQ Hardware to derive that Notebooks, Accessories and Peripherals <b>contribute to 83%</b> of the total unique product count.</li><li>Highlighted a sudden decline in Gross Sales in Q3 of FY 2020 because of COVID-19 Pandemic (<b>\$4M to 0.4M</b>).</li></ul>   |  |   |
| Business 360 - Brick & mortar and ecommerce [Power BI   SQL   Excel   Dax Studio]   |  | Oct 2024  |
| <a href="#">GitHub Repo</a>   <a href="#">Live Dashboard</a>  |  |   |
| <ul style="list-style-type: none"><li>Struggled with outdated Excel-based analytics, AtliQ Hardware aimed to modernize operations using data-driven methods</li><li>Built a detailed operational performance report using Power BI and 2 data sources (<b>Excel/CSV files and SQL Databases</b>).</li><li>Developed <b>5 distinct dashboards</b>, each for Finance, Sales, Marketing, Supply Chain and Executive Insights.</li><li>Enabled AtliQ Hardware to analyze different department sales trend and discovered Peripherals, PCs, and Networking as top divisions, with Asia-Pacific leading in <b>Net Sales (\$125.4Mil)</b> and <b>Europe in Gross Margin% (33.88%)</b>.</li></ul> |  |   |
| P & L Report – Finance & Sales Analytics [Excel   Pivot Table   Power Query]  |  | Aug 2024  |
| <a href="#">GitHub Repo</a>   <a href="#">Live Report</a>   |  |   |
| <ul style="list-style-type: none"><li>Conducted a comprehensive Profit and Loss analysis, analyzing key financial indicators including Net Sales, COGS, Gross Margin and Gross Margin%.</li><li>Automated data cleaning using Power Query, which can rescue around <b>4 hours</b> of repeated manual work.</li><li>Utilized DAX measure for calculations and pivot tables to improve user experience.</li></ul>   |  |   |
| CERTIFICATIONS / AWARDS:  |  |   |
| <ul style="list-style-type: none"><li>Secured a <b>Top 50 SQL</b> in <a href="#">leetcode</a> for SQL.</li></ul>  |  | Jan 2025  |
| <ul style="list-style-type: none"><li>Python : Beginner to Advanced for Data Professionals   <a href="#">Codebasics</a></li></ul>   |  | Jan 2025  |
| <ul style="list-style-type: none"><li>SQL : Beginner to Advanced for Data Professionals   <a href="#">Codebasics</a></li></ul>  |  | Nov 2024  |
| <ul style="list-style-type: none"><li>Power BI for all Levels 3.0   <a href="#">Codebasics</a></li></ul>  |  | Oct 2024  |
| <ul style="list-style-type: none"><li>Excel : Mother of Business Intelligence   <a href="#">Codebasics</a></li></ul>  |  | Aug 2024  |
| EDUCATION:  |  |   |
| Sri Ramachandra Engineering and Technology<br>M.Sc., Data Analytics – CGPA: 8.9   |  | May 2023  |
| Mahalashmi Women’s College of Arts and Science<br>B.Sc., Computer Science – CGPA: 7.1   |  | April 2021  |