

Mohana Krishnan D M

Chennai, Tamil Nadu | +91-9176338432

d.m.mohanakrishnan2001@gmail.com | [LinkedIn Profile](#) (mohana-krishnan-d-m)

Career Objective

Analytical professional with a Mechanical Engineering background, transitioning to Data Analytics. Skilled in Python, SQL, Power BI, and Advanced Excel. Experienced in optimizing manufacturing processes and eager to apply data-driven solutions to business challenges.

Technical Skills

- **Databases:** MySQL, Microsoft SQL Server
- **SQL Expertise:** DDL, DML, DQL, Joins, Views, Indexes, Stored Procedures, Functions, Triggers
- **Database Tools:** SQL Server Management Studio (SSMS), PyMySQL
- **Performance Tuning:** Query Optimization, Execution Plans
- **Programming:** Python (Basics)
- **Data Visualization:** Power BI, Advanced Excel (Pivot Tables, Lookups)

Academic Qualification

- **B.E. in Mechanical Engineering** | S.A. Engineering College (2024) | **CGPA: 8.01/10**
- **Diploma in Mechanical Engineering** | Murugappa Polytechnic College (2020) | **Percentage: 74.06%**
- **SSLC (10th)** | Velammal Vidhyashram (CBSE) (2017) | **CGPA: 7.4/10**

Projects

1. Recruitment Management System (Console Application)

Tools: Python, MySQL, PyMySQL

- Developed a back-end console app to automate hiring, with a MySQL database for Jobs, Candidates, and Applications.
- Used PyMySQL for CRUD operations, ensured data integrity, and implemented security through parameterized queries.
- Optimized data retrieval with complex SQL joins for reports.

2. Corporate Expenses Analysis Dashboard (2024)

Tools: Microsoft Power BI, Power Query, Data Modelling, DAX.

- Designed and developed an interactive Power BI dashboard to analyse 2024 corporate expenses. The solution transformed raw financial data into actionable insights, allowing stakeholders to drill down into costs by department, category, and time period to drive financial efficiency.

3. Amazon Sales Analytics Dashboard

Tools: Microsoft Power BI, Power Query, Data Modelling, DAX.

- Developed a comprehensive Power BI dashboard to monitor Amazon sales performance. The solution integrates transactional data to visualize key metrics such as Total Revenue, Units Sold, and Fulfilment Status, enabling data-driven decisions for inventory and marketing strategies.

Professional Experience

Engineer, Sundaram Brake Linings Ltd (TVS Groups), Chennai | (Aug 2024 – Nov 2025)

Engineering Design Tools: AutoCAD, SolidWorks, PTC Creo, Windchill Concepts.

- Analysed production data and time consumption to optimize manufacturing efficiency.
- Implemented process improvements using Kaizen and 5S methodologies.
- Managed procurement data and material planning for production equipment.

Certifications

- Certification in Python with Machine Learning at NSIC - Technical Services Centre
- Completed Data Analytics course at Accord info matrix.
- Certified in Industrial Automation, PTC Creo, AutoCAD, and SolidWorks.

Declaration

I hereby declare that all the information mentioned above is true to the best of my knowledge.

Date:

Place: Chennai

Signature: Mohana Krishnan D M