

# Karthik Sk

Data Analyst

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📍 Bangalore

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🐙 <https://github.com/karthikskDA>

## OBJECTIVE

Detail-oriented professional with a background in Mechanical and strong analytical skills seeking to transition into a data analyst role. Proficient in Excel, SQL, Python ML and data visualization techniques with a keen ability to translate complex data into meaningful insights. Looking to leverage my analytical background to contribute to data-driven projects and support business strategy.

## EDUCATION

BE Mechanical Engineering

MVJ College,VТУ

📅 September 2021

📍 Whitefield,Bangalore

Languages Known: English | Hindi |  
Kannada | Telugu | Tamil

## CERTIFICATIONS

Data Science & Analytics & by  
ExcelR,Bangalore

## WORK EXPERIENCE

### QC Engineer

Tema India-Heavy Engineering

January 2022 - October 2023 | Silvassa,D&NH

- Coordinated data collection and analysis of inspection results, creating visualization reports with MS Excel.
- Maintained regular communication with clients to ensure progress on project objectives and deliverables.
- Took ownership of testing data integrity and analysis responsibilities, ensuring compliance with regulatory requirements and stakeholder expectations.
- Provided leadership in resolving data quality issues and developed comprehensive data interpretation forms.
- Made informed decisions during examination data reviews and quality audits, ensuring data accuracy.
- Initiated improvements in test and inspection data management processes and analysis methodologies

### Technical Skills

- **Programming Languages:** SQL (Database querying, Data manipulation, MySQL), Python (NumPy, Pandas, EDA, Matplotlib, Seaborn, Scikit-learn).
- **Data Visualization:** MS Excel (Lookups, PivotTable, What-If Analysis, Solver), Power BI (DAX Functions, Power Query, Creating Dashboards), Tableau.
- **Machine Learning:** Supervised & Unsupervised Learning (K-Means), Regression & Classification Models in Python.
- **Communication:** Written and verbal communication skills, leadership, teamwork skills, flexibility, and a zest for new challenges

### Projects

- **Revenue Analysis and Performance of Coffee Shop**  
Tools: Power BI, MySQL  
Analyzed retail sales data to gain actionable insights, enhancing the coffee shop business.
- **Pizza Sales Analysis & Understanding Customer Behavior**  
Tools: MySQL  
Analyzed pizza shop sales data to refine inventory management and elevate customer satisfaction.
- **Data-Driven Customer Segmentation at Walmart**  
Tools: Python (Machine Learning)  
Created a supervised classification model predicting customer trip types at Walmart to enhance shopping experiences.
- **Road Accident Trends and Patterns: A Comprehensive Analysis**  
Tools: MS Excel  
Analyzed trends of casualties relating to variables such as weather conditions, road types, vehicle type and accident severity.