

# RAMESH KUMAR

Data Analyst

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## OBJECTIVE

Aspiring Data Analyst with proficiency in Python, MySQL, Excel and Power BI. Passionate about transforming raw data into actionable insights to support decision-making. Seeking an opportunity to apply my analytical and problem-solving skills in a data-driven environment.

## EDUCATION

2020 - 2024 **Bachelors of Mechanical Engineering**

Rohini College of Engineering and Technology, Kanyakumari district, Tamil Nadu.

## SKILLS

Programming Language & Libraries : **Python & Pandas**

Database Management : **MySQL**

Data Analysis & Visualization : **Microsoft Excel, Power BI**

Documentation & Reporting : **Microsoft Word**

Soft Skills : **Communication, Problem Solving, Analytical & Presentation**

## PROJECTS

**Project 1 : Shop Sales Data Analysis**

**Tools Used : MySQL, Power BI**

**Description :**

Imported raw sales data into MySQL and performed data cleaning, formatting, and type conversion. And Wrote SQL queries using aggregate functions to analyze total sales, total orders, quantity sold, daily sales average, and top 10 best-selling products. Built an interactive Power BI Dynamic Dashboard with slicers and visual KPIs. Integrated advanced charts like calendar heatmaps for device-based analysis and daily trends to support data-driven decision-making.

**Project 2 : Cricket Data Analytics**

**Tools Used : Python (Pandas), Excel, Power BI**

**Description :**

Collected and cleaned T20 World Cup match data from YouTube Excel sources using Python & Pandas Analyzed top/middle-order batting (strike rate, boundaries, success rate) and bowling performance (wickets, economy, runs conceded). Designed interactive dashboards in Power BI for insightful perfect cricket performance analysis.

## EXPERIENCE

**Quality Assurance – Rane Madras Ltd, Kanchipuram | JAN 2024 - MAY 2024**

- Inspected product quality and analyzed defect trends to identify process inefficiencies and improve manufacturing standards.
- Utilized Excel for maintaining inspection data, generating reports, and tracking defects to ensure product compliance.
- Led a small team, assigned tasks based on data insights, and implemented corrective actions to streamline quality control processes.

## CERTIFICATIONS & COURSES

**VOXL0M Innovative Solutions | NOV 2024 - MAY 2025**

Data Analytics

**Novitech R&D Pvt. Ltd. | April 2025 – May 2025**

30 Days Challenge in Data Analytics