NITISH KUMAR

Data Analyst | Power BI | SQL | Python | Excel | Tableau

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Email | LinkedIn | GitHub | Portfolio

🎗 PROFESSIONAL SUMMARY

- Data Analyst with strong skills in SQL, Python (Pandas, NumPy), and data analysis. Hands-on experience in data cleaning, EDA, and dashboard creation using Power BI.
- Familiar with basic machine learning concepts such as regression, applied to analytical projects.
- Experienced in data visualization and translating data insights into actionable business decisions.

➤ TECHNICAL SKILLS

- Excel: Pivot Tables, VLOOKUP/XLOOKUP, Dashboards, Charts
- SQL (MySQL): Joins, Subqueries, Aggregations, Indexing
- Power BI: DAX, Data Modelling, Interactive Dashboards
- Tableau: Calculated Fields, Filters, Parameters, Dashboards
- Python: Data Analysis and Automation
- Pandas: Data Cleaning, GroupBy, Merging
- NumPy: Arrays, Vectorization, Mathematical Operations
- Statistics: Descriptive Statistics, Hypothesis Testing (Basic)
- Machine Learning: Basic understanding of Regression and Classification Model.

➤ PROFESSIONAL EXPERIENCE

Quality Engineer — Pooja Metal Processors Pvt. Ltd. | 2023–Present

- Conducted in-process and final inspections to ensure compliance with manufacturing quality standards.
- Analysed defect, rejection, and inspection data to identify trends and improvement opportunities.
- Performed Root Cause Analysis (RCA) using 7 QC tools (Pareto, Cause-Effect, Histogram, Check Sheets).
- Collaborated with production and design teams to implement corrective actions and reduce rejections.
- Maintained ISO audit documentation, quality reports, and process control records.

Assistant Engineer — Subros Limited | 2021–2023

- Monitored and analysed production and quality data to identify defects and reduce rejection rates.
- Performed Root Cause Analysis (RCA) using Why-Why, Fishbone, and Pareto charts.
- Implemented process improvement initiatives (Kaizen, 5S, QC tools) to enhance product quality.
- Prepared and analysed daily quality reports, inspection sheets, and defect trend charts.
- Collaborated with cross-functional teams to resolve quality and process issues while ensuring ISO compliance.

➢ KEY PROJECTS

Movie Industry Exploratory Data Analysis | Python

Project: [GitHub](#) | **All Python Projects:** [GitHub](#)

• Performed end-to-end EDA on large movie industry datasets (IMDb, budgets, awards, studios, theaters)
• Analyzed profitability drivers using inflation-adjusted profit, profit margin, and VAR metrics
• Identified optimal movie budget (~$82M) and most profitable genres (Adventure, Action, Sci-Fi, Animation)
• Delivered data-driven business recommendations on budget planning and release strategy

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Car Sales Dashboard | Power BI

Project: [GitHub](#) | **All Power BI Dashboards:** [GitHub](#)

• Designed an interactive Power BI dashboard to analyze car sales performance
• Built KPIs for YTD Sales, MTD Sales, Total Sales, Quantity Sold, and Car Count
• Created visual analysis by body style, color, gender, company, and region
• Implemented slicers (Month, Gender) for dynamic filtering and drill-down insights

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Library Management System | SQL (MySQL)

Project: [GitHub](#) | **All SQL Projects:** [GitHub](#)

• Designed a relational database with 6 normalized tables and foreign key constraints
• Implemented CRUD operations and complex JOIN queries
• Developed analytical queries for overdue books, rental income, and member activity
• Used CTAS (Create Table As Select) to build summary tables for business insights

➢ Professional Education Section

Bachelor of Technology (B.Tech) – Mechanical Engineering
BRCM College of Engineering & Technology, Maharshi Dayanand University (MDU), Rohtak, Haryana
2021 – 2024

Diploma – Mechanical Engineering Government
Polytechnic College, Buxar, Bihar 2017 – 2020