Nitish Kumar

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🎗 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.

➤ 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:

Zomato Restaurant Data Analysis (EDA Project)
Tools: Python, Pandas, NumPy, Matplotlib, Seaborn
- Performed end-to-end EDA to identify food trends, ratings, and cost patterns.
- Cleaned raw data, handled missing values and outliers to improve data quality.
- Created visual insights on cuisine popularity and customer preferences to support business decisions.

House Price Prediction (Machine Learning Project)
Tools: Pandas, Scikit-learn, Matplotlib
- Built and evaluated regression models to predict house prices.
- Applied feature engineering, encoding, scaling, and hyperparameter tuning.
- Improved performance using Random Forest and Gradient Boosting, comparing RMSE and R^2 scores.

➤ 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