Nitesh Kumar

Data Analyst

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About

Enthusiastic in Data Engineer with a strong foundation in data collection, transformation, and visualization. Proficient in SQL, Python, and data pipelines, with hands-on experience in API data extraction and real-world projects. Passionate about building scalable data solutions to drive business insights and optimize performance.

Projects

Weather data prediction | PYTHON

· Developed a weather data extraction tool using REST API, processing JSON responses for real-time metrics like wind speed, temperature, and transparency.

· Implemented data parsing logic in Python, reducing data processing time by 30% through efficient JSON handling and visualization techniques.

· Analyzed and visualized over 1,000 data points, generating insights on weather patterns based on longitude and latitude inputs.

RETAIL ORDERS | PYTHON & SQL

· Analyzed a dataset of ~10,000 records, identifying top 10 revenue-generating products (yielding over $500,000) and top 5 highest-selling items per region, leading to a projected 15% sales increase through targeted strategies.

· Leveraged SQL to uncover $500,000+ in revenue from high-performing products and increased regional sales by 20% by pinpointing top sellers in each region.

· Conducted month-over-month analysis, revealing a 12% sales increase from 2022 to 2023 and boosting seasonal marketing by 10%.

· Identified a 25% profit growth in top sub-categories for 2023, optimizing category management for enhanced profitability.

· Processed ~10,000 records in Python, enhancing data accuracy by 30%, ensuring reliable

inputs for analysis.

MADHAV ECOMMERCE SALES DASHBOARD | POWER BI

· Developed an interactive sales dashboard that improved reporting efficiency by 30%, enabling quicker insights into performance metrics across 5 regions and 10 product categories.
· Enabled drill-down analysis and dynamic filtering, leading to a 20% increase in team productivity by reducing manual reporting and analysis time.

· Enhanced data connections and calculations, resulting in a 15% improvement in data accuracy and consistency across reports.

· Provided actionable insights on sales trends and customer demographics, supporting a 12% increase in quarterly sales through targeted strategies.

Education

B.Sc. in Mathematics
From: Mehta College and institute of technology, [Jaipur]
High School
 From: S.N. Convent sr. sec. School, [Jaipur]

Technical Skills

Programming Languages: Python (pandas, NumPy, matplotlib, seaborn)
Database Management: SQL, MS SQL (Joins, Subqueries, Aggregations, Window function) ·
Data Visualization: Power BI, matplotlib ·
Spreadsheet Tools: Microsoft Excel

Activities and Interests

Reading about new technology, coding, programming