

# Kumar Viswajeet

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## Professional Summary

Detail-oriented Data Analyst with hands-on experience in data analysis, visualization, and engineering robust ETL pipelines. Skilled in Python, SQL, Tableau, and Excel with a strong foundation in statistics and predictive modeling. Adept at transforming raw data into actionable insights to support strategic business decisions. Strong communicator with a collaborative mindset and a passion for solving real-world problems through data.

## Core Skills

Data Analysis | Statistical Analysis | Data Visualization | Data Cleaning and Preparation | Database Management | Problem-Solving | Critical Thinking | Attention to Detail | Communication Skills | Collaboration | Excel | SQL | Tableau | Python

## Tools & Technologies :

- **Languages:** Python, SQL
- **Data Engineering:** ETL, Data Pipelines, Data Quality Monitoring, Airflow (learning)
- **Databases:** Relational Databases, PostgreSQL, MySQL
- **Visualization:** Tableau, Excel Dashboards, Power BI
- **Version Control & DevOps:** Git, Docker (basic), CI/CD (learning), AWS
- **Other:** SAP, Jupyter Notebook

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## Education

Masters in Artificial Intelligence

- *Berlin School of Business and Innovation | February 2025 – September 2026*

Master's in data Analyst

- *Berlin School of Business and Innovation | May 2022 – November 2023*
- *GPA: 1.7*

## Projects

### 1. Predictive Sales Modeling - Machine Learning Integration

- **Description:** Developed a machine learning-based predictive sales model, improving forecasting accuracy through integration of CRM and transactional data.
- **Tool Used:** Python, EDA, Random Forest, Gradient Boosting, HistGradient Regressor, OLS,  $R^2$ , MAE, RMSE
- **Outcome:** Accurate sales forecasts, model evaluation, decision support, future research insights

## 2. Data Analyst Salary Analysis & Dashboard Excel

- **Description:** Conducted comprehensive salary analysis to uncover trends, disparities
- **Tools Used:** Excel (Pivot Tables, Charts, Dashboards).
- **Outcome:** Delivered interactive dashboards that guided compensation adjustments, resulting in improved employee satisfaction and retention.

## 3. MOVIE RENTAL DATA BASE:

- **Description:** Designed and managed a normalized movie rental database, analyzing rental patterns and optimizing performance.
- **Tools Used :** SQL (DDL, DML, aggregate functions, joins, normalization).
- **Outcome :** Improved data retrieval speed and reduced redundancy, enabling efficient data analysis and reporting.

## 4. URBAN AUTO INSIGHTS

- **Description :** Visualized and analyzed automotive market trends across Indian cities, segmenting data by vehicle type, fuel type, and transmission.
- **Tools Used :** Tableau.
- **Outcome:** Built interactive dashboards with dynamic filters, uncovering key insights into consumer preferences, pricing, and regional demand patterns.

## 5. URBAN MOBILITY INSIGHTS – BERLIN

- **Description :** Visualized and analyzed Berlin's urban traffic patterns using 6 months of sensor data, aggregating movement across road segments by bikes, pedestrians, and cars.
- **Tools Used:** Python (GeoPandas, Folium), Jupiter Notebook, GeoJSON.
- **Outcome:** Developed an interactive, street-level map of Berlin with segment-level traffic insights; exported spatial datasets and dashboards for visual storytelling and urban planning use.

## Hands-on Training Program in Statistical Analysis, Kreativstorm | January 2024 – February 2024

- Acquired proficiency in statistical analysis principles, including hypothesis testing, regression analysis, and data distribution measures (Mean, Median, Mode).
- Applied analytical techniques to interpret data types and make informed decisions based on statistical significance, preparing for practical application in data-driven environments.

## B. Tech in Mechanical Engineering

- *Arya Institute of Engineering and Technology, Jaipur | August 2020 – October 2022*

## Relevant Experience

Business Data Analyst | RMC Switchgear Limited | October 2020 – April 2021 | Jaipur

- **Engineered a robust customer database using SQL and SAP**, enabling targeted marketing campaigns and improving customer acquisition by 15%.
- **Conducted predictive modeling and market trend analysis using Python and Excel**, identifying growth opportunities and increasing market share.
- **Managed end-to-end tender processes**, leveraging data insights to secure 500,000 INR in revenue from strategic contracts.
- **Utilized online platforms and trade shows to expand business reach and engagement**, resulting in a 15% increase in customer acquisition.
- **Implemented data-driven pricing strategies**, optimizing profitability and achieving a 10% increase in average deal size.
- **Led mentoring efforts**, enhancing team capabilities across various areas crucial for data analysis and reporting.
- **Presented actionable insights from data analysis to stakeholders**, driving strategic business decisions and optimizations.

Business Data Analyst | BYJU'S | June 2021 – September 2021 | Jaipur

- **Built and optimized automated data pipelines using Python and SQL** to extract and clean CRM data, improving extraction speed by 40% and enabling better marketing performance tracking.
- **Applied advanced SQL queries to analyze Salesforce CRM data**, uncovering insights that led to a 30% increase in conversion rates.
- **Created interactive dashboards in Tableau and Excel to visualize key performance metrics**, facilitating data-driven decision-making by senior management.
- **Leveraged advanced analytical techniques to extract actionable insights from sales data**, driving informed decision-making and business growth.
- **Strategically prioritized high-potential customer segments**, leveraging educational background data to target key demographics.
- **Developed and implemented data-driven recommendations for process improvements**, resulting in a 25% reduction in operational costs.

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## Extra-Curricular

- **Campus Ambassador for Technex in IIT(BHU)** : Organized Technex college fest of IIT (BHU) within our college.
- **Organization of Sparks(college fest):-** Help to organize inter-collegesports fest Sparks in our college.