

Nikhil Teotia

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Profile Summary

Result-driven and skilled data analyst professional with 2 years of experience in delivering actionable insights using data visualization(Power BI and Tableau), statistical analysis(Python/R), and SQL-based data querying.Skilled in transforming complex data into business value for decision-makers across domains such as finance, Healthcare, Manufacturing, and IT services. **Certified as a Microsoft Power BI Data Analyst (PL-300) and Python for Data Science and Machine Learning Bootcamp.**

Skills

Programming Languages : Python (NumPy, pandas), Java, JavaScript, HTML/CSS, JSON, APIs

Data Visualization :Microsoft Power BI, Tableau, Excel, PowerPoint, Matplotlib, Seaborn

Database : MySQL, PostgreSQL, SQL Server, ETL, Data Warehousing, Data Wrangling, EDA, Feature Engineering

Data Analysis :ETL, Data Wrangling, Data Warehousing, Data Transformation, EDA, KPI Tracking

Experience

Jr Data Analyst

Stratosphere Pvt Ltd

Noida, India

March 2022 – Nov 2023

- Designed and deployed 15+ interactive Power BI dashboards tracking 50M+ annual sales data, enabling regional managers to identify underperforming markets and improve revenue by 12 percent.
- Developed custom DAX measures for inventory turnover analysis, reducing overstock situations by 18 percent through data-driven recommendations.
- Automated monthly KPI reporting by building SQL-based ETL pipelines that reduced manual effort by 30 hours/month while improving data accuracy by 25 percent.
- Performed advanced SQL-based analysis on high-volume customer and transactional data to identify purchasing trends and market opportunities.

Data associate

Excellent Softwares Pvt Ltd

Noida, India

Oct 2021 – March 2022

- Led the design and deployment of interactive Power BI dashboards to monitor product sales, customer acquisition, and retention performance.
- Translated complex business requirements into actionable BI reports and KPIs for Avery Dennison's marketing and operations teams.
- Optimized SQL queries (using CTEs and window functions) to analyze 10M+ transactional records, uncovering untapped market opportunities in APAC region

Projects

Credit Card Financial Dashboard (Power BI Project)

- Segmented 10,000+ credit card users into low, medium, and high risk tiers by analyzing transaction history and delinquency patterns to support targeted credit risk management strategies.
- Delivered an interactive Power BI dashboard by combining Power Query for data integration and cleaning with DAX measures to calculate , enabling actionable insights for fraud detection and customer segmentation.

Airbnb Data Analysis (Machine Learning Project)

- Built a supervised machine learning pipeline to predict telecom customer churn using a Kaggle dataset with 7,043 observations and 21 variables, applying data cleaning, preprocessing, feature engineering, and exploratory data analysis.
- Trained and evaluated multiple models—including Logistic Regression, Random Forest, Decision Tree, and Naive Bayes—and compared their performance using accuracy, precision, recall, and F1 score metrics to identify the most effective approach.

Education

Post-Graduate Degree in Business Intelligence and System Infrastructure

Algonquin College Ottawa, Ontario, Canada

Jan 2025 - present

Post-Graduate Certificate in Cyber Security Analysis

Algonquin College Ottawa, Ontario, Canada

Jan 2024 - Aug 2024

Bachelor of Computer Applications

Institute of Management Studies, Ghaziabad, India

Jun 2018 - Apr 2021