

## Nikhil Teotia

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### Profile Summary

Detail-oriented Data Analyst with over 2 years of experience in SQL development, statistical modeling, and business intelligence. Proven ability to prepare, structure, and visualize large datasets using Power BI, Python, and SQL to support organizational decisions. Adept at integrating diverse data sources, performing advanced analytics, and translating complex findings into actionable insights. Skilled in collaborating cross-functionally to deliver data solutions that enhance regulatory and operational outcomes.

### Skills

**Programming:** Power BI, Tableau, SQL (MySQL, PostgreSQL), Python, Java

**Libraries:** Pandas, NumPy, Scikit-learn, Seaborn, Matplotlib, Data Transformation, Feature Engineering

**Data Analysis:** ETL, Data Wrangling, Data Cleaning, Data Extraction, Regression Analysis

**Tools:** Jupyter Notebooks, Alteryx, Git, SAS

### Experience

#### Junior Data Analyst

Noida, India

Stratosphere Pvt Limited

Nov 2021 – Oct 2023

- Developed and optimized SQL queries across HRMS, Payroll, and Examination ERP modules, enabling efficient data retrieval for 3+ academic institutions.
- Enhanced query execution speed by 10 percent through execution plan analysis and indexing strategies, improving system performance during high-demand cycles.
- Supported cross-departmental data integration and standardization efforts during ERP rollouts, contributing to successful client adoption.

### Projects

#### Credit Card Financial Dashboard - Power BI, Excel, Power Query, DAX

- Developed an interactive Power BI dashboard analyzing data from 10,000+ credit card customers, enabling financial teams to identify high-risk segments and top revenue-generating groups, supporting a projected 15 percent improvement in targeted marketing efficiency and risk profiling.
- Performed data transformation using Power Query and DAX, delivering dynamic KPIs and visualizations that revealed payment behavior trends—such as 22 percent of Platinum cardholders contributing over 40 percent of total revenue—helping stakeholders optimize credit strategies and minimize default risk.

#### Bank Loan Report SQL, Visio, Excel, Microsoft Word

- Developed an interactive Power BI dashboard by transforming raw Excel and SQL data (38K+ loan records) into relational models using Power Query and DAX, enabling stakeholders to analyze funded amounts, interest rates, and default risks for data-driven decision-making.
- Aligned report metrics with fund accounting standards, integrating trial balance calculations and NAV components for investor-facing analysis.

#### Diabetes-ML-Project -Python,NumPy,Pandas,Seaborn,Matplotlib, scikit-learn

- This project is focused on Exploratory Data Analysis and Machine Learning Model Training using Python. Here, we are analyzing different aspects of Diabetes in the Pima Indians tribe by doing Exploratory Data Analysis and building a classification Model.

### Education

#### Post-Graduate Certificate in Business Intelligence and System Infrastructure

Jan, 2025 - present

Algonquin College Ottawa, Ontario, Canada

- Coursework:** Machine Learning, Cloud Platforms(AWS), Statistics, Data Integration, Data Modeling

#### Post-Graduate Certificate in Cyber Security Analysis - Algonquin College

Jan, 2024 - Aug, 2024

- GPA: 3.74/4

Ottawa, Ontario, Canada

- Coursework:** Penetration Testing, Vulnerability Management, Cloud Security

#### Bachelor of Computer Applications - Institute of Management Studies

Jun 2018 - Apr 2021

- GPA: 7.9/10

Ghaziabad, India