

# Nikhil Teotia

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## Profile Summary

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Versatile and detail-oriented Business Intelligence professional with hands-on experience in data analysis, automation, and reporting systems. Proven expertise in designing and implementing BI solutions to support cross-functional teams in sales, finance, and operations. Skilled in creating and maintaining advanced reports and dashboards using Power BI, with strong command over SQL queries, data transformation, and logic-based validation techniques. Working knowledge of Microsoft Excel, Microsoft Power BI, machine learning concepts and familiarity with Snowflake add value to a modern BI environment.

## Skills

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**Languages:** Python, SQL, HTML5, CSS5, Javascript, JSON

**Frameworks:** Pandas, Numpy, Seaborn, Scikit learn, Matplotlib

**Tools:** MySQL Server, Power BI, Tableau, Excel, Jupyter Notebook

**Soft Skills:** Rapport Building , Strong Stakeholder, People management, Excellent Communication

## Experience

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### Java Web Developer

Stratosphere Pvt Limited

Noida, India

Nov 2021 – Oct 2023

- Developed and deployed robust ERP modules—including HRMS, Payroll, Examination, and Establishment—for universities like CCSU, CUK, and JNFU, using Java for backend logic and MySQL for data management.
- Created and managed complex SQL queries, joins, views, stored procedures, and triggers to handle dynamic data processing and ensure data integrity across all modules.
- Diagnosed and resolved critical performance issues in web pages by analyzing slow-running SQL queries, applying indexing, query refactoring, and execution plan optimization, reducing page load time and server load by 35
- Conducted rigorous testing and debugging of over 50+ web pages, resolving SQL-related bugs and optimizing backend logic to deliver stable, secure, and high-performing applications tailored to each university's requirements

## Projects

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### Credit Card Customer Report

- Engineered a comprehensive Credit Card Financial Intelligence Dashboard in Power BI to support stakeholder-driven decision-making by modeling over 5 million rows of transactional and demographic data into optimized, relational structures using Power Query and DAX.
- Designed multi-layered data visualizations to monitor KPI performance across customer segments (job roles, education level, dependent count, revenue tiers), enabling real-time exploration of behavioral and financial patterns through advanced filtering, drill-through, and slicer logic for quarters, card tiers, and channels (Swipe, Online, Chip).
- Automated analytical workflows and embedded DAX-based calculations (e.g., revenue trends, CSS score, transactional income vs. interest breakdowns), reducing manual reporting time by 60 percent , while surfacing high-impact insights that helped identify top-performing geographies (TX, CA, NY), high-value customer personas (e.g., businessmen with high-income profiles), and revenue leakage areas

### Diabetes ML Project Prediction using Random Forest

- 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

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**Graduate Certificate in Business Intelligence and System Infrastructure** *Jan, 2025 - present*  
*Algonquin College, Ottawa, Ontario, Canada*

- **Coursework:** Machine Learning 1: Fundamentals, Database Analytics, Data Engineering and Integration, Data Visualization

**Graduate Certificate in Cyber Security Analysis** *Jan, 2024 - Aug, 2025*  
*Algonquin College Ottawa, Ontario, Canada*

- CGPA: 3.74/10
- **Coursework:** Penetration Testing, Vulnerability Management, Cloud Security

**Degree in Bachelor of Computer Applications** *2018 - 2021*  
*Institute of Management Studies, Ghaziabad, India*

- GPA: 7.9/10
- **Coursework:** Database Management Systems (DBMS), Web Development, Computer Networks

## Certification

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Python for Data Science and Machine Learning Bootcamp  
PL 300  
LeetCode Top SQL 50 Badge  
HackerRank Database SQL