

Profile Summary

Detail-oriented Data Analyst with a solid foundation in statistical analysis, data acquisition, and dashboard development. Adept at leveraging Python, SQL, and Power BI to transform complex datasets into actionable insights. Proven ability to collaborate across multidisciplinary teams and contribute to process optimization and product performance initiatives. Passionate about healthcare innovation and continuous improvement in medical technology.

Skills

Programming: Python, SQL (MySQL, PostgreSQL), Java, HTML, JavaScript

Analytics and Modeling: Scikit-learn, NumPy, Pandas, Matplotlib, Seaborn

Visualization Tools: Power BI, Tableau, Databricks, Excel

Data Management: ETL, Data Cleaning, Data Modeling, DAX, Power Query

Experience

Junior Data Analyst

Stratosphere Pvt Limited

Noida, India

Nov 2021 – Oct 2023

- Transformed and optimized SQL queries and stored procedures (MySQL/PostgreSQL) to automate weekly/monthly business reporting, reducing manual workload by 10 percent.
- Built interactive Power BI dashboards using DAX and Power Query for ERP modules (HRMS, Payroll), helping universities track KPIs and reduce manual reporting time by 60 percent.
- Partnered with business and media teams to gather requirements and develop SQL-based dashboards, aligning reporting KPIs with campaign goals and marketing metrics.

Crew Member

Tim Hortons

Ottawa, Canada

April 2024 – Present

- Gained firsthand experience in high-stakes, fast-paced environments emphasizing adaptability and team coordination—skills transferable to technical support and engineering collaboration.

Projects

Hospital Management Dashboard - *Power BI, MySQL, SQL, Excel*

- Developed an end-to-end Hospital Management System using MySQL and Power BI, supporting 10K+ patient records and 200+ room assignments, enabling real-time tracking of operations and performance KPIs.
- Built a Power BI dashboard with 15+ visuals and automated DAX-based KPIs (e.g., Bed Occupancy Rate, Doctor Workload, Billing Collection Rate), reducing report turnaround from 4 hours to 45 minutes.
- Wrote SQL queries to derive insights such as Revenue by Department and Top 5 Prescribed Medicines, improving administrative decision-making and reducing manual analysis time by 80 percent.

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

- Conducted full-cycle EDA and pioneered a classification model using Random Forest.
- Achieved above 85 percent accuracy and visualized key health indicators impacting outcomes.

Education

Post-Graduate Certificate 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