

Mohammed Yusuf Shaikh

Mississauga, ON | yusuf.mns@icloud.com | +1(647)-784-9385 | [LinkedIn](#) | [Portfolio](#) |

SUMMARY

- Strong modeling and data analysis skills gained through projects and group assignments. Built a personal portfolio showcasing data-driven projects and statistical models.
- Experienced with the following programming languages and technologies: Python, R Programming, SQL, Git, Power BI, Tableau, STATA, MySQL, PostgreSQL, Advanced Excel skills (Macro, Pivot tables, Vlookup)
- Leadership experience as an executive for university club ACEUTM, organizing events and mentoring peers for the ACE Nationals Competition

EDUCATION

Machine Learning and Stochastic Simulation (ME319) | London School of Economics and Political Science (LSE) | 08/2025 - 08/2025

- A summer course on advanced applications of statistical modeling, stochastic processes, and machine learning techniques—including Monte Carlo methods and Generative Adversarial Networks (GANs)—for risk modeling with Python.

Honours Bachelor of Science in Economics & Applied Statistics | University of Toronto | 09/2020 – 06/2025

- **Relevant Courses:** Statistical Modelling, Advanced Statistical/Machine Learning, Time Series Analysis, Method of Data Analysis, Applied Econometrics, Econometrics, Financial Economics, Pricing Strategies, regression, decision trees, random forest

RELEVANT PROJECTS

Data Analysis of Urban Crime Trends in Toronto (2014-2022) | 01/2024

- Conducted an in-depth data analysis of Toronto's crime victimization data trends using R packages.
- Identified that individuals aged 25–34 and women were disproportionately affected.
- Approximately a 15.7% decrease in reported victims of crime from 2019 to 2020, likely due to COVID-19 lockdowns. Emphasized need for gender-responsive and age-targeted crime prevention policies.

Impact Analysis of Academic Advising on Student Success at U of T | 09/2023

- Collaborated in a 7-person team to manage data collection, analysis, and reporting.
- Conducted statistical analysis on survey data to assess the impact of academic advising on student CGPA, using two-sample t-tests and linear regression models in R.
- Concluded that while academic advising does not significantly impact CGPA, effective advisor communication improves perceived academic performance, and lack of advising is linked to delayed graduation, emphasizing the role of advising in student engagement and retention.

SKILLS

- **Languages:** English, Hindi, Gujarati
- **Soft Skills:** Management, communication, team leadership, client relationship building, strategic planning, pivot tables, data cleaning & analysis, statistical analysis, collaboration, self-motivated, adaptability
- **Technical Skills:** Excel (Pivot Tables, VBA), Power BI, Tableau, R, Python, STATA, MySQL, PostgreSQL, GitHub, Google Sheets, MS PowerPoint.

WORK EXPERIENCE

IT Operation & Sales Analyst | Mississauga | 12/2023 – Present | Mississauga, ON

- Built a weekly pipeline dashboard in Power BI combining CRM and transaction data and reduced manual reporting time.
- Cleaned and analyzed leads dataset using SQL and Python, improving campaign deliverability and targeting.
- Performed A/B tests on landing pages and email subject lines to increase conversion rate.

Travel Consultant & Associate | Ikhlas Tours & Travels | 08/2022 – 05/2023 | Scarborough, ON

- Accommodated and planned itineraries based on preferences, budget

- Coordinated and managed booking provided customer support and handling inquiries.
- Worked closely with team members, vendors and travel agencies to coordinate logistics and manage clients need.

Finance Associate, Summer Internship | Innovative Telecom & Software Pvt Ltd | 06/2023 - 08/2023 | Surat, India

- Built Excel-based models to support annual forecasting, improving turnaround time by 10%.
- Generated monthly P&L and variance reports using Excel pivot tables to assist in budget forecasting.
- Collaborated with finance team to streamline data entry and reporting workflows, improving end-to-end processing time.

Sales Associate, Summer Internship | Innovative Telecom & Software Pvt Ltd | 04/2021 - 08/2021 | Surat, India

- Communicated effectively with B2B Industrial customers, addressing inquiries regarding establishing data centers with integrated software solutions.
- Managed Excel to track customer interactions and update lead information.