Mohammed Yusuf Shaikh

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SUMMARY
- Strong modeling and data analysis skills gained through projects and group assignments. Inquisitive with a strong passion for continuous learning of a variety of tools, including Power BI and MySQL.
- Leadership experience as an executive for university club ACEUTM, organizing events and mentoring peers for the ACE Nationals Competition
- Built a personal portfolio showcasing data-driven projects and statistical models.

EDUCATION
Bachelor of Science in Economics & Applied Statistics | University of Toronto | 09/2020 – 06/2025
- **Relevant Courses:** Statistical Modelling, Advanced Statistical Learning, Time Series Analysis, Method of Data Analysis, Applied Econometrics, Econometrics, Financial Economics, Pricing Strategies

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.

Data Analysis of US Airline Market Concentration & Fare Dynamics (Late 90s-2000s) | 11/2022
- Analyzed panel data of U.S. domestic airline routes over four years (1997–2000) to evaluate how market concentration and passenger volume impact average one-way fares.
- Employed simple and multiple linear regression models and demonstrated that while market concentration had a statistically significant negative impact on fares, the economic significance was minor; in contrast, passenger volume showed both statistical and economic significance.

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
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 updated lead information.