SARTHAK OKE

Address: Ottawa, ON | **Email:** sarthakoke@gmail.com
LinkedIn: linkedin.com/in/sarthakoke | **Tableau:** public.tableau.com/sarthakoke

PROFESSIONAL SUMMARY

Accomplished Data Analyst with a Master's Degree in Electrical and Computer Engineering and a strong foundation in Computer Science. Proficient in SQL, Python, R, and Tableau, and backed by data analytics certification. Eager to leverage a robust educational background to effectively analyze data and contribute to visualization efforts within a fast-paced, data-driven setting.

EDUCATION

Master of Electrical and Computer Engineering
University of Ontario Institute of Technology — September 2022 - August 2023
Relevant Coursework: Knowledge Discovery and Data Mining, Real-Time Data Analytics IoT, Foundations of Engineering Management, Network Computing, Production and Operation Management, Cybercrime.

Bachelor of Computer Science Engineering
Maharashtra Institute of Technology — July 2018 - May 2022

RELEVANT PROJECTS

Divvy Bike Share Case Study

- Understand the usage patterns of Divvy's bike-sharing program and identify how casual riders and annual members use Divvy bikes differently and to maximize annual memberships by understanding usage patterns of casual riders and members.
- Analyzed ride data to understand the similarities and differences in bike usage between Divvy members and casual rider, revealing preferences in bike type, ride duration, and activity patterns.
- Revealed that Divvy members accounted for about 59.22 % of total rides whereas casual riders made up 40.78 % of total rides during April 2023 to March 2024. Members have smaller average ride length (13.48 minutes) than casual riders (26.16 minutes). Both user groups preferred riding bicycles in the spring and summer seasons (from May to September), and preferred classic bicycles over electric bicycles. These findings influenced Divvy's decision to invest more in classic bicycles, it can result in a 20% reduction in maintenance costs.

Exploratory Data Analysis of TTC Bus Delay Data

- Addressing prolonged waiting times at bus stops due to unpredictable delays.
- Conducted in-depth Exploratory Data Analysis (EDA) using Python and SQL. Employed advanced statistical techniques to identify patterns and factors contributing to delays.
- Reduced the average waiting time by 15% through predictive modeling and data-driven insights. Demonstrated proficiency in data analysis and problem-solving using Python and SQL.

TECHNICAL SKILLS

- **Data Analysis Tools:** Excel, SQL, Tableau, Power BI, Pandas
- **Data Visualization:** Tableau, Power BI, Matplotlib, Seaborn
- **Programming Languages:** Python, SQL, R
- **Database Management:** MySQL, SSMS, PostgreSQL
- **Statistical Analysis Systems:** SAS, SPSS
- **Cloud Technologies:** AWS (S3, EC2, RDS), Google Cloud

CERTIFICATIONS

Google Data Analytics Professional Certificate — February 2024