

PHALGUNI ARVIND GHONGE

phalgunighonge@gmail.com | [LinkedIn](#) | [GitHub](#) | [Portfolio](#) | Toronto, CA

Education

University of Toronto | Toronto, CA
September 2021
Master of Engineering (Chemical Engg)

University of Pune | Pune, IN
June 2019
Bachelor of Engineering (Chemical Engg)

Software & Code

- Tableau
- Excel (Pivot Tables)
- Python
- SQL
- AERMOD, AERMAP
- HTML/CSS
- Figma

Skills

- Data Visualization
- Data Analysis
- Digital Marketing
- Design: Sitemap, Wireframe
- Modelling w/ Python
- Critical thinking, Problem Solving
- Customer Service
- Team management

Relevant Coursework

- Project Management
- Data Mining in Engineering
- Data Analytics and Machine Learning
- Six Sigma for Chemical Processes

Certificates

- Tableau Desktop Specialist Certified
- Udemy: SQL
- Google Digital Marketing
- Lean Six Sigma (Yellow Belt)

Activities

- VP Communications | UofT Indian Graduate Students' Association
- Academic Tutor | UofT Skule
- Mentor | UofT Centre of International Experience '20
- Volunteer | BHUMI NGO, India

Projects

COVID-19 Data Exploration | SQL Server (CTE, Window Functions), Tableau

- Extracted key insights such as death and infection rate from the global COVID-19 datasets using SQL Server
- Implemented CTE and Window Functions to perform multiple aggregated calculations on the joined datasets
- Developed a Tableau dashboard using Heat Maps and charts to condense the findings into digestible visuals that highlighted the severity of COVID-19 around the world

Spotify Personal Data Visualization | Python (Numpy, Pandas), Tableau

- Extracted personal streaming data from Spotify to explore various streaming habits over a period of one year
- Cleaned and prepared data for tableau visualization using Numpy, Pandas etc.
- Developed an interactive Tableau dashboard to visualize top streaming artists, tracks and weekly streaming activity.

Netflix Content Data Visualization | Python (Numpy, Pandas), Tableau

- Cleaned and pre-processed Netflix dataset consisting of content added to the platform in the past decade
- Designed and developed a Tableau dashboard to condense the findings into digestible visuals that highlight different content added around the world over the years

Music Recommendation System | Python (Pandas, Matplotlib, Seaborn)

- Performed exploratory data analysis (EDA) on Taylor Swift discography dataset using Pandas, Numpy, Matplotlib, Seaborn
- Implemented a basic music recommendation system using Spotify API that suggest similar Taylor Swift songs

Aerosol transmission study of COVID-19 in a TTC Bus

- Studied and applied principles of aerosol physics to understand airborne transmission of COVID-19 virus particles in a standard Toronto Transit Bus as evaluative environment.
- Provided recommendations based on the principles of aerosol physics to mitigate transmission risks

Internal Air quality audit at UofT

- Ran all audits and reports as required for internal audit processes in a team of four
- Drafted audit reports for management and executive reviews
- Communicated issues and made recommendations corrective actions to bring the facility in line with standards

Six Sigma Project - Anaerobic Digester Plant

- Drove key process results and completed project through effective contingency planning deliverables quality management
- Spearhead Six Sigma methodology programs, utilizing statistics and data/customers/process analysis to implement sustainable improvements and locate project gaps for ongoing metrics

Work Experience

Loblaw Companies Ltd., CA

July '20 - present

Clerk (Part-Time)

- Maintained high standards of customer service during high-volume, fast-paced operations
- Communicated clearly and positively with co-workers and management
- Followed procedures of safe food preparations, assembly, and presentation
- Assisted management with inventory control and stocking
- Resolved complaints promptly and professionally.
- Upheld safety and sanitation standards

Cipla Limited, India

June - July 2018

Internship Trainee

- Understood the role of a Process Engineer and the workflow in the custom pharmaceutical industry
- Studied the technical and non-technical obstacles in scaling-up of products
- Observed and documented the process of generation of API using process flow diagrams
- Extensively studied the design aspects of Heat Exchangers in the facility
- Learnt about the cGMPs, safety protocols, and MSDS in the Pharmaceutical industry