

# PHALGUNI ARVIND GHONGE

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

## Education

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

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

## Software & Code

- Microsoft Office
- Python
- SQL
- Tableau
- Figma
- AWS Cloud (Basic)
- HTML/CSS

## Skills

- Data Visualization
- Data Analysis
- Machine Learning
- Design: Sitemap, Wireframes
- Critical and Creative thinking
- Customer Service
- Team management
- Multi-tasking
- Interpersonal Skills

## Relevant Coursework

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

## Certificates

- Tableau Desktop Specialist
- Google Digital Marketing
- Lean Six Sigma (Yellow Belt)
- Product Management

## 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