

Francesco Tintori

(587) 577-4686 | frnc.tintori@gmail.com

[LinkedIn](https://www.linkedin.com/in/francesco-tintori) - [linkedin.com/in/francesco-tintori](https://www.linkedin.com/in/francesco-tintori)

[Website](https://ftintori.github.io) - ftintori.github.io

[Portfolio](https://github.com/FTintori/PortfolioProjects) - github.com/FTintori/PortfolioProjects

Calgary, AB

Data Analyst and Scientist with a strong background in research, data analysis, and data visualization. Highly detail-oriented and an effective communicator with strong problem-solving skills.

SKILLS:

SQL (SQL Server, BigQuery)

Tableau

Python (Pandas, NumPy, Matplotlib...)

Excel (Pivot tables, charts, VLookup...)

MS 365 suite

Familiarity with: GCP, PowerBI, bubble.io, HTML, MS

PROJECTS:

COVID-19 Dashboard

- Analyzed COVID-19 data from 200+ regions worldwide using **SQL (Server)**; visualized trends in infection rates, mortality, and vaccination using **Tableau** ([SQL data exploration code](#))
- Designed and published a user-friendly **Tableau** dashboard to display COVID-19 statistics, enabling easy access to complex data for informed decision-making and public awareness.

Housing dataset cleaning

- Utilized **SQL (Server)** to clean and transform housing data for Nashville by replacing missing values, creating properly formatted data columns, and ensuring data quality, resulting in a more accurate and reliable dataset for analysis.

International Movie Database Analysis and Correlation

- Cleaned and analyzed International Movie Database using **Python** (pandas, numpy, and matplotlib) to identify correlations between industry metrics.

Bike Sales Statistics

- Cleaned and prepared data from company bike sales using **Excel**, ensuring accuracy and completeness for analysis.
- Developed an interactive pivot table with charts to visualize sales data, enabling the company to make informed decisions about future sales strategies

Bike Sharing Service Dashboard

- Conducted data cleaning and analysis using **SQL (BigQuery)** to prepare data for visualization ([SQL code](#))
- Developed a **Tableau** dashboard with charts and graphs to provide insights on customer behavior and inform business strategies

EDUCATION:

University of Calgary - **Ph.D.** (Chemistry), 2021

AWARDS:

Best Presentation Award - 2021 Launchpad Pitch Competition (UofC, Hunter Hub).

WORK EXPERIENCE:

Senior Scientist — *Genoptic*

November 2021 – April 2023

- Developed templates to automate data processing, significantly reducing time spent on data manipulation and allowing for quicker creation of accurate charts for presentations and reports
- Demonstrated problem-solving skills in interpreting data and modifying fabrication methods to achieve goals.
- Employed data visualization techniques to effectively demonstrate and compare results, resulting in high-quality reports and presentations.

Doctoral Researcher — *University of Calgary*

September 2016 – October 2021

- Analyzed and processed qualitative/quantitative data, detecting errors, and creating visualizations to communicate insights
- Demonstrated expertise in connecting data measurements and effectively communicating research findings through scientific publications, technical reports, and oral presentations.
- Wrote and published several [peer-reviewed journal articles](#)
- Successfully assisted management of a 20+ person laboratory space, optimizing efficiency by organizing layout and maintenance, training personnel on equipment and creating detailed SOPs

Teaching Assistant — *University of Calgary*

September 2016 – April 2020

- Broke down and explained complex topics to improve student understanding and performance