

Francesco Tintori

Calgary, AB

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[LinkedIn](#) | [Portfolio](#) | [Profile](#)

A detail-oriented Researcher, Data Analyst and Scientist, Effective Communicator, Problem Solver
Data Analysis, Visualization and Science, Tableau, BigQuery/SQL, Python, Excel

EDUCATION:

University of Calgary, Chemistry **Ph.D.**, 2021

University of Milan (Italy) – **BSc**, 2015

DATA ANALYSIS and VISUALIZATION TRAINING:

SQL, Khan Academy

Python, Udemy

Tableau Creator, Tableau

Excel (Pivot tables, charts, models, and other advanced functions)

Familiarity with: Google Cloud Platform, PowerBI, Origin, bubble.io, Fusion 360, HTML,

DATA ANALYTICS PROJECTS:

- COVID-19 Rates Dashboard (**SQL +Tableau**) Quantified COVID-19 death and vaccination rates over time by country and continent; published a Tableau dashboard to visualize results interactively. View dashboard [here](#)
- Nashville Housing Dataset Cleaning (**SQL**). Cleaned the data on a municipal dataset to facilitate the usage and analysis. View in portfolio [here](#)
- Bike Sales Statistics (**Excel**) Cleaned a company's data for bike sales and created an interactive Excel Dashboard for practical visualization. View in portfolio [here](#)
- Data Correlation (**Python**) Cleaned the data on an International Movie Database and determined the correlation between various industry categories using Python. View in portfolio [here](#)

WORK EXPERIENCE:

Senior Scientist — *Genoptic*

NOVEMBER 2021 – PRESENT

- Demonstrated and compared results through data visualization, wrote and presented related reports
- Cleaned, processed and interpreted data from measurements
- Reviewed up-to-date scientific literature and adapted methods to product design
- Applied problem-solving to data interpretation and fabrication methods
- Collaborated with team members on product design and aspects of fabrication methodologies

Doctoral Researcher — *University of Calgary*

SEPTEMBER 2016 – OCTOBER 2021

- Worked with qualitative and quantitative data to complete projects: transformed results into effective presentations (descriptive and numerical analytics)
- Used scientific literature to understand concepts and improve on aspects of the research
- Managed laboratory space, instrumentation maintenance and training
- Wrote and published peer-reviewed journal articles

Teaching Assistant — *University of Calgary*

SEPTEMBER 2016 – APRIL 2020

- Broke down complex topics to make them understandable to students at all levels
- Managed large classes in laboratory spaces, overlooking equipment handling and safety
- Evaluated student performance by deconstructing and analyzing proposed concepts to verify scientific accuracy
- Mediated communication between students and instructors to optimize the teaching experience

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