

Danielle Dionaldo

Data analytics professional and statistics specialist; completed the Google Data Analytics Professional Certificate in 2022, with a commitment to continuous skill enhancement in data analytics. Proficient in various data analysis tools and platforms, including R, Python, Excel, SQL, and Tableau. Strong organizational and analytical skills.

Skills

Python

Libraries: pandas, matplotlib, ggplot2, BeautifulSoup, re, os

R Programming

Packages: dplyr, shinny, ggplot, tm, tidyr

Excel

Tools: Pivot Table, Pivot Chart, VLOOKUP, HLOOKUP, VBA

Power BI

Tools: DAX, API, Power Query

SQL

Software: Microsoft SQL Server Management Studio 18

Tableau

Usages: Dashboards, Interactive KPIs

Projects

Superstore Coursera Data – Coursera Project Network – Milton, ON**September 2022**

- Completed a Guided Project using Tableau, including tasks such as connecting to data, creating key performance indicators (KPIs), and crafting sparkline charts
- Showcased expertise in assembling an interactive dashboard, incorporating elements like a dashboard map and dual-axis charts for comprehensive data representation
- Applied meticulous formatting skills to ensure a polished and well-organized final presentation, enhancing proficiency in data visualization techniques

Excel Data Analysis and Dashboards – LinkedIn Learning Course – Milton, ON**October 2022**

- Well-versed in the process of calculating Bayesian probabilities within the Excel environment
- Completed a comprehensive course, mastering the use of Excel's data analysis and visualization tools, including mean, median, and standard deviation, along with an introduction to the central limit theorem
- Explored essential components of Excel dashboards, including tables, PivotTables, PivotCharts, slicers, and timelines

Nashville Housing Data Cleaning – Personal Project – Milton, ON**November 2022**

- Conducted data cleaning in SQL for a Nashville housing project.
- Standardized date formats, populated NULL values, and deleted unused columns.
- Applied SQL functions such as CONVERT, ALTER TABLE, joins, and UPDATE to enhance data quality

Movie Industry Correlation – Personal Project – Milton, ON**November 2022**

- Employed Python libraries including pandas, numpy, seaborn, and matplotlib for data analysis.

- Conducted comprehensive data cleaning in Python, addressing missing data, outliers, and mismatched data types.
- Employed various correlation methods like Pearson and Kendall to analyze relationships within the dataset.
- Utilized Python's correlation matrix for a comprehensive understanding of variable correlations.
- Generated scatter plots, such as budget vs. gross earnings, to visually represent relationships in the data.
- Leveraged sorted correlation pairs to identify the highest correlations between variables.

COVID-19 Global Statistics – Personal Project – Milton, ON

December 2022

- Conducted data exploration on COVID-19 data, employing SQL queries for cleaning and organization.
- Utilized SQL queries and Excel functions on four different tables, making the data compatible with Tableau.
- Developed an interactive KPI dashboard using SQL queries, featuring worldwide respiratory illness statistics.
- Employed bar graphs to compare total deaths per continent and line graphs to assess the percentage of the population infected.

Work Experience

AI Math Analyst/Probability & Statistics Expert – Outlier - Remote

November 2024 - Present

- Collaborate with innovative companies to enhance AI models through expert feedback in Probability and Statistics.
- Assess the factuality and relevance of domain-specific text generated by AI models, ensuring high-quality outputs.
- Craft and answer complex questions related to Probability and Statistics, contributing to the training of generative AI models.
- Evaluate and rank domain-specific responses from AI models, providing insights to improve model accuracy and reliability.
- Utilize strong communication skills to articulate complex statistical concepts clearly and effectively in English.
- Assist in training AI models by developing prompts identifying failure points in theorem-solving methods.
- Guide models through step-by-step problem-solving processes, enhancing their ability to learn and apply mathematical concepts.
- Collaborate with interdisciplinary teams to refine AI learning strategies and improve overall model performance.

Online Data Analyst – TELUS International AI Data Solutions - Remote

December 2022 - April 2024

- Collaborated with TELUS International AI-Data Solutions in partnership with a diverse global community to enhance AI and machine learning models, contributing to technology improvements and digital experiences worldwide
- Demonstrated proficiency in English, attention to detail, and adaptability across

diverse task types (such as News, Audio tasks, and Relevance assessments), ensuring accurate and relevant contributions to the long-term project

- Utilized online research skills, including search engines, online maps, and website information, to complete assigned tasks following provided guidelines

Supervisor – Rexall Pharmacy Group ULC – Milton, ON

April 2016 - January 2023

- Managed and supervised team tasks under the manager's guidance.
- Executed closing duties using Excel and Star Plus Systems, including bank deposit forms and lottery count.
- Assisted the Pharmacy with COVID-19 forms through a data-entry system.
- Conducted basic training on the Canada Post Office and its operating systems

Education

Google Data Analytics Certificate – Coursera

September 2022

- Completed the Google Data Analytics Certificate, consisting of eight Google-developed courses.
- Completed hands-on, practice-based assessments.
- Prepared for introductory-level roles in Data Analytics.
- Proficient in tools and platforms, including Google Sheets, SQL, Tableau, and R.
- Skilled in data preparation, processing, analysis, and data sharing for informed decision-making.

Bachelor of Science – University of Toronto – Mississauga, ON

- Statistics Specialist and Mathematics Minor
- Skills Learned: Python, R, RStudio, Economics, Data Analysis

References available upon request.