**Sumati Bhala**

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**Summary**

Multidisciplinary, driven Data Analyst with a passion for condensing large data into a simple to understand story. Adept at working independently and collaborating with teams across multiple functions to take information from a wide variety of sources and effectively break down concepts in layman terms to diverse audiences. Excels at solving complex problems.

**Technical Skills**

**Tools:** Advanced Excel, VBA, Python, Pandas, Matplotlib, API request, Web scraping with beautiful soup, HTML, CSS, Bootstrap, JavaScript, Plotly.js, D3.js, Geo-mapping with leaflet, Tableau, Machine learning, Big data, Cloud ETL

**Databases:** SQL, Mongo-DB

**Projects**

**Sentimental Analysis with machine learning|** <https://github.com/manoelbritto/MachineLearning-SentimentAnalysis> **|**<https://ml-tweet-sentiment-analysis.herokuapp.com/>**|** Built a machine learning model to predict the sentiment of tweets, positive or negative and political or non-political, published for Greta Thunberg.

**Tools: Python, Pandas, Tweepy, HTML, CSS, Bootstrap, JavaScript, Tableau**

**Web visualization: Top 10 Cannabis companies.** |<https://github.com/Levishantz/Project_2_Cannabis>|Managed the front end by creating a web page with interactive graphs of Cannabis companies displaying their sales, revenue, equity, assets and liabilities.

**Tools: HTML, CSS, Bootstrap, JavaScript, Plotly.js, Leaflet.js**

**ETL: Toronto Public Library open datasets|** [https://github.com/NextMeIn/Week-13\_ETL-Project|](https://github.com/NextMeIn/Week-13_ETL-Project%7C)Extracted data sets from Toronto public library ‘s website. Transformed them into one combined SQL database to run queries and find information on various branches, users and circulation.

**Tools: Python, Pandas, SQL**

**Experience**

**ESL Teacher, Sprachcaffe GEOS Languages Plus, Toronto June 2018 – Nov 2019**

Taught integrated skills and Canadian culture to 18 year-old students, Created student need-analysis based on their strengths and challenges, Used e-learning platforms to allocate the right placement for each student.

**ESL Teacher, Pathways School, Gurgaon (India) July 2014- December 2016**

Created individual learning continuum for each student. Extensively used quizlet, digital field trips and other apps. Published weekly newsletter with highlights of the week. Mentor teacher during PYP exhibition for 3 years. Helped Grade 5 students to create a website on “wildlife conservation”.Conducted a workshop for teachers on “Use of technology in classrooms”

**Curriculum and Course Developer, Doaba College (India)  July 2004- January 2010**

Designed and developed undergraduate and post-graduate programs for the college. Started new courses like Bachelors in Electronic Media, BJMC (Bachelors of Journalism and Mass communication).

**Education**

**Certificate UofT SCS Data Analytics Bootcamp November 2019**

A 24-week intensive program focused on gaining technical programming skills in Excel, VBA, Python, R, JavaScript, SQL Databases, Tableau, Big Data, and Machine Learning.

**Bachelor’s Degree with Computer Science and Economics, GNDU, India July 2000**