SUMATI BHALA

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Portfolio: https://sbagni.github.io/my_portfolio/

SUMMARY

Mindful, Data Analyst with zest to work with multifaceted data to provide amazing and simple visualisations. Creative fact-based storyteller, with a background in Economics and Computer Science. Recently completed UofT's Data Analytics and Coding Bootcamp. Excited to work with data and consistently curious to unfold the hidden patterns in data. Brings in creative ideas, exceptional problem-solving abilities combined with persistence and patience in collaborating across diverse groups.

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://bit.ly/2Lc0C40 **|** https://bit.ly/34IEYMy **|** 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. | http://bit.ly/35TT2Tr |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| http://bit.ly/2sDCVeB |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

Support Staff, Cedarvale community School, Toronto   Dec 2017- Till now
- Supervise students to ensure their safety and security during the lunch recess.

ESL Teacher, Sprachcaffe GEOS Languages Plus, Toronto   Jun 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 decide the right placement for each student.

Online ESL Tutor (VIPKIDS)   Dec 2016- Jan 2017
- Taught Chinese Children online. Prepared lesson plans to improve their language skills.

ESL Teacher, Pathways School, Gurgaon (India)   Jul 2014- Dec 2016
- Extensively used quizlet, digital field trips and other apps.
- Created individual learning continuum for each student.
- Published weekly newsletter with highlights of the week.

Trainer, OPEN Services (New Delhi)   Jun 2013- Jun 2014
- Trained teachers on inquiry-based learning.
- Conducted workshops on language skills and classroom management

Tutor, Adult Literacy Program, TDSB (Toronto)   May 2010 - May 2013
- Taught working adult students to improve their writing skills and build their language skills

EDUCATION

Certificate in Data Analytics, University of Toronto, School of Continuing Studies
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.
Graduate Degree in Computer Science and Economics, GNDU, India