

TANZIL BARASKAR

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EDUCATION

COOP Careers

New York, NY

COOP Apprentice - Data Analytics

August 2022 – December 2022

- Attended 200+ hours of hands-on workshop training to enhance analytics skills and applying them to client project by collaborating and managing a group of 3 to analyze and clean large dataset using SQL, Python, and Excel (Pivot Table, VLOOKUP), inputting data into charts and graphs for better visualization utilizing Tableau to present and give recommendations to client

The City College of New York – The Grove School of Engineering

New York, NY

Bachelor of Science, Computer Science

June 2022

Minor in Economics

Notable Courses:

Data Science | Database Systems | Machine Learning | Data Structures | Software Engineering | Artificial Intelligence

SKILLS & CERTIFICATIONS

Languages: SQL, Python, R, Java, HTML, JavaScript

Softwares: Tableau, BigQuery, Microsoft SQL Server, Microsoft Excel, Microsoft PowerPoint, Microsoft Word, Power BI, G-Suite

Certificates: Google Data Analytics Professional, Google Analytics, Android CodePath, SQL for Data Science

EXPERIENCE

Economics and Business Research at The City University of New York

New York, NY

Research Assistant

July 2022 - August 2022

- Performed in-depth economy analysis by organizing data from research papers and completed comprehensive reports to determine the countries that are in good position to enter the competitive market
- Audited 60 graphs using Excel to determine which specific business sector has done the best during the pandemic and determining which companies did well during times of crises

PROJECTS

COOP Client Project | Google Analytics, Excel, Tableau

- Collaborated with 3 members to provide insightful business and marketing analyses for Jolie Studio to help increase their revenue and improve advertisement campaign
- Presented a PowerPoint presentation to help and inform client on key insights and trends, increase brand recognition and marketing strategy

Data Jobs Exploratory Analysis | Python, Jupyter Notebook, Tableau, Excel

- Performed data cleaning and then using Python library Pandas, merged dictionary dataset to translate abbreviations to have a uniform way to measure the salary information
- Answered analysis questions by exploring data insights and generating graphs and then worked with Tableau to design dashboards to allow users to interactively change criteria and view charts to better understand and visualize job salaries

Covid-19 Analysis | SQL, Tableau, Excel

- Explored and cleaned Covid population dataset using Excel and SQL to create views by creating various functions to compare Covid cases between countries
- Built and published interactive dashboards using Tableau on the views created from SQL queries to create 4 graphs to present Covid's impact on the world's population

Hotel Business Analysis | SQL, PowerBI, Excel

- Examined hotel dataset by joining different Excel sheets using SQL to create KPI measures
- Connected SQL server to PowerBI to generate visualization and dashboard using SQL queries.

Artificial Intelligence Project | Python, Jupyter Notebook

- Cleaned dataset by filling in missing values, removing outliers/duplicates, and splitting the data into testing and training to obtain accurate results to analyze data using regression algorithm and predict if an individual has a disease using Python libraries such as Scikit-Learn, Pandas, and NumPy
- Created graphs with Python library Matplotlib to visualize my findings on the correlation between different features of the data

Operating System Command Shell | C

- Led 4 classmates by distributing tasks evenly, conducting meetings to discuss the progress of the project, and assisting when problems arose
- Developed a command shell in C language using Ubuntu to gain experience with some advanced programming techniques like process creation and control, file descriptors, signals, and pipes