**Jefferson Veliz**

**Bronx, NY**

(917)-288-6215| Jeffersongveliz@gmail.com

LinkedIn [[Click Here](http://www.linkedin.com/in/jefferson-veliz-ab22471b5)] | Projects [[click here](https://github.com/JeffVeliz1/Projects)]

**SQL, Tableau, Data Analytics, Data Visualization, Supervised and Unsupervised Machine Learning, NLP, Data Mining, Data Scraping, Big Data, PySpark, Pivot Tables, Excel, Python, R.**

**EDUCATION**

**The City College of New York**- Bachelor of Arts in psychology minor in management and administration, MAY-2022

**Baruch College**—Master of science in quantitative Methods and Modeling with a Data Analytics concentration, MAY-2024

**Relevant Courses:** Data mining for Business analytics, Natural language Processing, Programming for Data analytics, Database Management system, Statistical Software for data analysis, Big Data technology, Data Visualization, Managerial Statistics, applied regression analysis, Introduction to Quantitative Modeling, Simulation modeling and analysis, ethics for business analytics and business communications.

**DATA SCIENCE AND ANALYTICS & VISUALIZATION PROJECT EXAMPLES**

* **Monkeypox vs no monkeypox image classification-** Utilized Machine Learning algorithms including KNN, Logistic Regression, SVM, Decision Trees, Random Forest, and k-means. Deployed the best working machine learning model to allow non-technical users to utilize it in their daily lives.
* **Heart Disease Classification-** Employed Machine Learning algorithms such as KNN, Logistic Regression, SVM, Decision Trees, and Random Forest to predict heart disease in individuals. Deployed the optimal model for non-technical users' practical use.
* **Spotify App Sentiment Analysis-** Conducted sentiment analysis on Spotify app reviews to understand customer sentiments and opinions.
* **Salary Visualization-** Processed, cleaned, and visualized data to identify job positions with the highest earnings over time.
* **Furniture Store Sales Analysis.** Quantified sales rates per category, group, date, and purchase location, and determined most and least profitable store locations.
* **Gym Scheduling and Membership Database Design**. Designed a comprehensive gym database using SQL. Analyzed statistics related to customers and employees for informed decision-making.
* **IMDB analysis-** Utilized pyspark to analyze the film industry such as actors, genres, movie actors and movie ratings. Created visuals to tell a story.

**WORK EXPERIENCE**

**Research Foundation of the City University of New York** — *Senior College Counselor,* AUGUST 2022 - PRESENT

* Utilizes data analysis techniques to offer personalized guidance and support to students on their academic journey.
* Employs a variety of research methods, including surveys and focus groups, to gain valuable insights into student needs and preferences, ensuring a student-centric approach to decision-making.
* Foster strong collaboration with faculty and staff to identify areas for enhancement within the educational system and successfully implemented targeted solutions.
* Crafts individualized academic plans in close consultation with students, aligning their goals and academic strengths to optimize their educational experience.
* Provides expert guidance to students, empowering them to navigate the academic system with confidence and make well-informed decisions about their academic trajectory.
* Utilizes data visualization tools, such as Tableau and python, to create compelling visual representations of data, facilitating clear and concise communication of findings to school principal and assistant principal.

**Office of the District Attorney** —*Spanish Interpreter*, DECEMBER 2021 - AUGUST 2022

* Interpreted and translated for Spanish-speaking defendants, witnesses, and victims during legal proceedings, including trials, hearings, and interviews.
* Maintained accurate records of interpreted proceedings, including dates, times, and names of individuals involved.
* Collaborated with legal professionals, including attorneys, judges, and court staff, to ensure accurate communication between all parties.
* Stayed up to date with legal terminology and procedures to ensure accurate interpretation and translation of legal documents and proceedings.
* Assisted in the preparation of legal documents, such as affidavits, declarations, and pleadings, by providing accurate translations from English to Spanish
* Provided cultural and linguistic guidance to legal professionals to help them better understand the needs and concerns of Spanish-speaking victims.

**Walgreens** — *Pharmacy Technician,* JUNE 2019 – DECEMBER 2021

* Managed and maintained patient medication records and prescription history using a sophisticated database system.
* Ensured accuracy and completeness of data entries, demonstrating meticulous attention to detail.
* Effectively communicated medication information to patients, demonstrating strong communication skills.
* Identified and rectified potential errors in medication dispensing, showcasing strong analytical and problem-solving skills.
* Successfully learned and operated multiple software systems, highlighting technical agility.

**College and Career Bridge For All at CUNY-** *Application advisor and Bridge Coach*, MAY 2019- DECEMBER 2021

* Supported students through the postsecondary planning process, including application procedures, financial aid applications, and career exploration activities.
* Conducted individualized advising sessions to assist students in developing and pursuing a strong postsecondary plan.
* Communicated effectively with students, families, and school partners, demonstrating professionalism and student-centered support.
* Utilized virtual tools such as texting, social media, and virtual meetings to engage and support student progress towards post-secondary goals.
* Maintained contact with alumni to provide ongoing support and resources for their continued success in higher education or the workforce.
* Identified and disseminate relevant resources, scholarship opportunities, and career development programs to students.