Kristal Concepcion

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Data analyst with a background in mathematics and skills in Excel, VBA, Python, and SQL. Earned a certificate from UTSA's Data Analytics and Visualization Boot Camp. Highly analytical and process-oriented with the ability to filter through large sets of structured and raw data. Team-oriented individual with strengths in problem solving, collaborating with teams and leadership across multiple functions. Experience in manipulating and visualizing data as well as in-depth knowledge of database types.

Technical Skills

Languages: Python (w/ conda environment), VBA, SQL,HTML5, Java
Applications: VSCode, GitHub, MongoDB, PostgreSQL, GIT, Flask, Tableau
Tools: Excel, Seaborn, Pandas, Jupyter Notebook, Matplotlib, Plotly, BeautifulSoup

Projects

Texas ERCOT Powergrid Analysis | https://github.com/kconcepcion/Texas-ERCOT-Power-Grid
This project showcased the process of searching for working, relevant data from different sources while collaborating with a team of diverse skill sets. By using different Pandas libraries to clean, analyze, and draw effective conclusions we presented an in-depth analysis of the Texas ERCOT power grid.
- Role: Leader
- Tools: Jupyter Notebook, Pandas, Matplotlib, and NumPy

Texas 2020 Election Dashboard | https://github.com/zane2231/Project-3-group-4
The purpose of this project was to develop an interactive, user-friendly dashboard that Texans could reference for information and statistics about the 2020 election based on their county or city.
- Role: Developer
- Tools: HTML, JavaScript, CSS, Python, Pandas, PostgreSQL

Mars Web Scraping Challenge | https://github.com/kconcepcion/web-scraping-challenge
In this project I used various python packages to extract data from the NASA website
- Role: Sole author
- Tools: Python, Jupyter Notebook, Pandas, BeautifulSoup, Splinter, Selenium

Work Experience

St. Philip's College, San Antonio   08/2021 - 05/2022

Office Assistant
- Data entry of student accounts and weekly surveys
- Created and managed events in the school's event coordinating system
- Communicated with various clubs to verify rosters and promote their scheduled events
- Gathered student feedback and compiled reports on how to improve student life

Texas ABC, Keene, Tx   05/2019 - 08/2021
Receiving Manager
- Helped develop and maintain merchant website
- Some responsibilities included utilizing different systems such as order, tracking, and billing systems to manage and maintain vendor and order data
- Daily maintenance included verifying all these systems were in agreement and investigating discrepancies when they were not
- Other tasks included opening and checking deliveries to verify contents and communicating with vendors to resolve any issues.

Texas ABC, Keene, Tx   06/2016 - 05/2019
Cashier
- Daily responsibilities included operating cash registers, assisting customers with navigating the store, and answering questions about specific products
- Collecting payments for account bills and subscriptions
- Assisting the Front End Manager by communicating with other cashier's on availability, and restocking registers with bags and receipt paper
- In charge of training new hires

Education

Certificate, Data Analytics
University of Texas at San Antonio   San Antonio, TX

Associates of Science, Mathematics
St. Philip's College, San Antonio   San Antonio, TX