Kevin Bui

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Education

University of California San Diego   Exp. March 2024
Bachelors of Science in Data Science; GPA: 3.75   *La Jolla, CA*

Relevant Coursework

- Principles of Data Science
- Practice and Application of Data Science
- Data Structures and Algorithms
- Theoretical Foundations of Data Science
- Econometrics

Certifications

- AWS Certified Cloud Practitioner
- Google Data Analytics Certificate
- Google Analytics Individual Qualification

Experience

Acoustical Engineering Services   Jun 2021 – Sep 2022
Data Analyst / Acoustical Engineer   *Los Angeles, CA*

- Worked at Acoustical Engineering Services to help collect, clean, and analyze data for clients to make sure the acoustics were in compliance with regulation for the client's proposal.
- Created different visualizations for the data being given to help clarify if changes were needed to be made on the design or material of the building to be in compliance of regulation.
- Helped in modeling buildings from the client's design proposal using AutoCAD to test the acoustics of the proposed building.
- Used various acoustic engineering software, such as Traffic Noise Model (TNM), Enhanced Acoustic Simulator for Engineers (EASE), and SoundPLAN to create simulation models for further analysis.

Projects

Bike-sharing and Cardiovascular Disease Exploratory Data Analaysis | *Pandas*   Jan 2022 - March 2022

- Worked in a group to explore and clean bike-sharing datasets from 3 different cities and a heart disease dataset and analyze various relationships between bike-sharing and cardiovascular disease.
- Created data visualization to show trends and correlation between bike-sharing and cardiovascular disease.
- Addressed issues of ethics and privacy and the limitations that were met due to lack of information from the datasets.

Spotify User's Music Statistics | *JavaScript, Spotify Web API*   June 2022

- Created a website called "A Glimpse of Your Spotify Statistics" which allowed users to view their top tracks, artists, and genres in 3 different time periods.
- Utilized the Spotify Web API to gather the user's data and created data visualizations for the user's statistics, such as a pie chart to view the user's different genres.

Song Lyrics Generator Using Language Models | *NLTK, GPT-2, Scikit-learn, Genius API*   June 2022

- Created a Ngram Language Model and utilized GPT-2 to generate new song lyrics given a corpus of all of an artist's song lyrics.
- Utilized the Genius API to scrape all of the artist's songs lyrics.
- Presented a song's given highest TF-IDF and visualized the lyrics with a Word Cloud visualization.

Technical Skills

Languages: Python, SQL, R, Java
Technologies: AWS, Tableau, MySQL, Excel
Other: NumPy, Pandas, Scikit-learn, Matplotlib, Seaborn, Git