

Jonathan Leverenz

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Task-Oriented Data Analyst, with a passion for machine learning algorithms and insightful visualizations. Holds professional certification in data science through Butler University certificate program, and invested over a thousand hours in learning how to work with data using tools such as Python, Pandas, MySQL, SQLite, and various machine learning algorithms. Excellent team player and result-oriented leader with a drive to learn.

Technical Skills

Languages: Python, Javascript, HTML, MySQL

Technologies: Tableau, Flask, Pandas, SQLite, Tensorflow technologies

Projects

Homeless Analysis | https://github.com/smsheehan/Class_Project

- Used a large collection of Coc and county data to predict homelessness in cities with ML
- Cleaned data using pandas and set up a development SQLite3 Database to store data.
 - **Machine Learning Algorithms (Linear Regression, KMean, Neural Network)**
 - **Tableau**
 - **SQLite**
 - **Pandas**

Speech Emotion Analysis | <https://github.com/JonLev03-hub/Speech-Emotion>

- Used python to modify audio files from RAVDESS, creating a machine learning model that can predict the emotion in speech with an 82% accuracy.
 - **MLPClassifier**

Experience (3 Months)

Stock strategy analysis | Private contract | Remote Location| December 2021 - February 2021

- Created a program to evaluate stock strategy performance routinely.
- With my revisions, the stock portfolio increased theoretical performance by 20%.
- Successfully identified 4 losing strategies inside of a portfolio using python

Certifications

Data Science Certificate: Butler University, Indianapolis, IN | March 2022

CompTIA A+ Certification: CompTIA A+ computer certification | Apr 2017 · Expired May 2020

Education

Certificate, Data Analytics, and Visualization: Butler University, Indianapolis, IN | December 2021 - March 2022

Bachelors, Computer Science: Ivy Tech University, Indianapolis, IN | January 2020 - Current

Unrelated Work Experience

Assistant General Manager: Indianapolis, IN | 2018 - July 2021