

# Samantha Lane

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## Summary

Data Scientist with a background in healthcare. Recognized as a persistent problem-solver, dedicated team-member, and someone who has a passion for acquiring new skills. Highly organized, self-motivated, and excellent communicated. Looking to use my skills to provide insights into Big Data. Graduate of Data Science Bootcamp through Southern Methodist University.

## Technical Skills

**Databases:** Big Query, ETL, MongoDB, Postgres SQL

**Statistical Software:** Jupyter, Microsoft Excel, Python Tableau

**Coding and Web:** HTML/CSS, JavaScript, Python, Geomapping

## Projects

**Movie Data Pipeline:** [https://github.com/slane700/Movie\\_Pipeline](https://github.com/slane700/Movie_Pipeline)

- Web scrapped the Rotten Tomatoes website for the best movies of 2020 and provided this list of movies to the OMBD (Open Movie Data Base) where we were able to gather more information regarding each movie. After the data was gathered, cleaned, and transformed we loaded the data into a Postgres SQL database.
- **Tools:** Jupyter, Python, Postgres SQL, OMBD API

**Happiness Index Investigation:** [https://github.com/slane700/Happiness\\_Index\\_EDA](https://github.com/slane700/Happiness_Index_EDA)

- Performed and EDA on the World Happiness Index dataset found on Kaggle. Investigated the relationship between each individual component of the Happiness Index as well as compared the overall Happiness Index to weather data using the Open Weather API.
- **Tools:** Jupyter, Matplotlib, Seaborn, Pandas

**Spotify Exploration and Analysis Dashboard:** [https://github.com/slane700/Spotify\\_Steam\\_Analysis](https://github.com/slane700/Spotify_Steam_Analysis)

- Created two visual dashboards that displayed data from a Spotify dataset on Kaggle as well as several CSV's that included Spotify streaming data.
- **Tools:** HTML/CSS, JavaScript, D3.js, Plotly

**Dallas Crime Analysis and Prediction:** [https://github.com/slane700/Dallas\\_Crime\\_Analysis\\_Prediction](https://github.com/slane700/Dallas_Crime_Analysis_Prediction)

- Created a full-stack application to analyze Dallas Crime for 2020 and predict crime incident status.
- **Tools:** Pandas, Matplotlib, Seaborn, HTML5/CSS, JavaScript, Tableau

## Education

**Certificate of Data Science:** March 2021

**Southern Methodist University** – Dallas, Texas

**GPA:** 4.0

**Masters of Science:** Nutrition and Metabolism, December 2018

**University of Texas Medical Branch** – Galveston, Texas

**GPA:** 4.0

**Bachelor of Science:** Didactic Program in Dietetics, May 2017

**Texas Christian University** - Fort Worth, Texas

**GPA:** 3.71

## Experience

Personal Trainer/Registered Dietitian, *Kickoff Personal Training* – Remote, February 2019 to Present

- Created personalized exercise and nutrition plans utilizing data collected from body mass index, weight, and calorie intake to help ensure they met or exceeded their goals.

Registered Dietitian, *University of Texas Medical Branch* – Galveston, Texas, January 2018 – July 2018

- Collected data from patient electronic medical record and patient interview and developed a personalized nutrition intervention based off patient's needs.