

# PATRICIA ATTAH

## DATA SCIENTIST

### Summary

Current graduate student in data scientist with a major in machine learning a statistical background including understanding of hypothesis testing, confidence intervals PCA, LDA and time series and experience with python, R, SAS and SQL. Applied knowledge of data processing, data mining and machine learning algorithms to solve practical business problems and find data driven solutions to increase efficiency. Some machine learning methods I have applied include classification, clustering, regression and neural networks.

### Employment

#### Jacobs Engineering Structural Designer

Dallas Texas  
Feb. 2019 to Current

Design of structural building framework, substructure and superstructure. Elements include foundation, framework and roof. I used critical thinking to ensure that the design is adequate. Applied problem solving skills to issues as they arose. Developed deep understanding of software to produce adequate results and paid attention to detail to complete tasks on time and within budget.

### Projects

#### Correlation between heart disease and certain biomedical traits

Aug. 2020 to  
Sept. 2020

machine learning classification model that uses several different algorithms tons which best predicts the outcome of heartsease.

#### Housing Price Prediction

June 2020 to July 2020

using regression to create a predictive model for house price prediction.

#### Life Expectancy Predictive model

Sept. 2020 to Oct. 2020

Creation of predictive model for the life expectancy with regression using various socioeconomic factors.

#### Records database design

Oct. 2020 to Oct. 2020

Relational database design using SQL

#### Stock Prediction ARIMA Vs LSTM

Oct. 2020 to Dec. 2020

Comparison of neural network to machine learning algorithms for prediction of stock using the LSTM and ARIMA models.

### Contact

✉ trishattah@gmail.com

🌐 <https://github.com/trishattah/SB-DataScience-Track>

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### Education

SMU May 2020 to Current  
Masters Data Science  
2021

Spring board Jan. 2020 to Dec. 2020  
Certificate Data science  
2020

University of Texas Arlington May 2016 to Dec. 2018  
Masters Civil Engineering  
2018

### Skills

Machine Learning  
Data Visualisation  
Big Data  
Data Mining  
Problem solving  
Python  
SAS  
R