

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 **Dallas Texas**
Structural Designer **Feb. 2019 to Current, 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>
 ☎ 2147808010

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