

PATRICIA ATTAH

DATA SCIENTIST

Summary

Current graduate student in data science with a major in machine learning, and 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.

Employment

Springboard Student

Online
May 2020 to Jan. 2021

Springboard Data Science Career Track - Student

Description: 550+ hours of hands-on course material, with 1:1 industry expert mentor, oversight, and completion of 2 in-depth capstone projects. Mastered skills in Python, SQL, data analysis, data visualization, hypothesis testing, and machine learning.

Jacobs Engineering Structural Designer

Dallas Texas
Feb. 2019 to Current

Design of structural building framework, substructure and superstructure. Elements include foundation, framework and roof.

- Used critical thinking to ensure adequate design.
- Applied problem solving skills for inconsistencies during design.
- Developed deep understanding of software to produce desired results.
- Ensured design was well detailed, accurate and clear for use.

Projects

Stock Prediction ARIMA Vs LSTM

Dec. 2020 to Dec. 2020

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

Correlation between heart disease and certain biomedical traits

Sept. 2020 to Nov. 2020

machine learning classification model that uses several different algorithms to determine which best predicts the outcome of heart disease.

Life Expectancy Predictive model

Aug. 2020 to Sept. 2020

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

Records database design

June 2020 to July 2020

Relational database design using SQL

Housing Price Prediction

June 2020 to June 2020

Creation of predictive model for the life expectancy with regression using

Contact

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Skills

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

Education

SMU May 2020 to Current
Masters Data Science 2021

Springboard May 2020 to Jan. 2021
Certificate Data science 2020

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