MILTON SUGGS

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TECHNICAL SKILLS

Python
SQL
Data Visualization
Data Analysis
Data Cleaning
Feature Engineering
Machine Learning
  - Logistic Regression
  - SVM, KNN
  - Decision Tree
  - Random Forest
  - Linear Regression
  - Ridge Regression
  - Lasso Regression
Model Deployment
  - Flask, Heroku
HTML
CSS

EDUCATION

Columbia College Chicago
BA Music, 2006
DePaul University
MM Music, 2008

CERTIFICATION

2020 IBM Data Science
Professional Certificate

PROFESSIONAL LINKS

Github:
http://miltonsuggs.github.io

LinkedIn:
www.linkedin.com/
miltonsuggs

Kaggle:
www.kaggle.com/
miltonsuggs

PROJECTS

Analyzing & Predicting Medical Costs | EDA, Machine Learning, Regression
Exploratory data analysis and machine learning algorithms to predict medical costs. Built and deployed a model through a Flask API which achieved 86% accuracy using Random Forest regression.

Breast Cancer Classification | Machine Learning, Classification
Using machine learning classification algorithms to determine if various breast cell growths are malignant or benign. Achieved 92% accuracy by using the Random Forest Classifier.

Fatal Police Shootings in USA from 2015-2020 | Exploratory Data Analysis
An exploratory analysis on a Kaggle data set that details fatal police shootings in the USA from 2015 to 2020. In this project I explore several factors surrounding police shootings throughout the United States.

African Economic Analysis from 1864 to 2014 | Exploratory Data Analysis
Using Plotly & Seaborn to perform an exploratory data analysis on economic trends in several African countries from 1864 to 2014.

Goodreads Book Rating & Review Analysis | Exploratory Data Analysis
An exploratory data analysis that unpacks book rating data from Goodreads. Performed univariate and bivariate analyses to look at what factors may have an

EXPERIENCE

TEACHER 2020
Kokua Education (New York, NY)
  - Provided supplementary instruction for NYC charter school students in grades K-12

CURRICULUM DEVELOPMENT CONSULTANT & TEACHER 2019
Noel Pointer Foundation (Brooklyn, NY)
  - Developed music theory curriculum & taught voice and piano to students age 8-18

ARTS ADMINSTRATION PROFESSIONAL 2018
Performers Theatre Workshop (Maplewood, NJ)
  - Management of student and teacher scheduling
  - Student registration processing
  - Manage databases of student and school information