Jennis Marie Vicente-Feliciano

PROJECTS

Coalición Comunitaria COVID-19 PR

www.3copr.com | https://www.facebook.com/3coPR/

Abstract: Collaboration with a group of epidemiologists and health professionals to locate, adapt and publish COVID-19 related material to educate the public to prevent the spread.
Contribution: Data consultant and Assistant project manager. Designed the webpage and created a Facebook page to share the information. Act as an analyst of the performance of the post in order to decide the type of post and their reach. Tabulate and organize data for easy access. Created maps to visualize the data.
Used: HTML, Javascript, Leaflet, CSS, Github, Google Sheets, ArcGIS

Featured in "Rural COVID-19 Innovations: Helping community member" :
https://www.ruralhealthinfo.org/topics/covid-19/innovations/helping-community-members

GrabAndGoAZ.info

www.grabandgoaz.info | https://github.com/DataScienceConsultants/COVID-19

Abstract: Data was gathered and tabulated in order to create a website that locates the user and shows the schools offering meals for kids 18 and under around the user's location. It also shows the times and requirements to meet.
Contribution: Tabulated data gathered from different sources, created a database in Excel, geocoded the addresses, converted the information in geoJSON, developed the code in Javascript to create the map and serve it on the web.
Used: Excel, Javascript, geoJSON, geocoding, Leaflet, HTML, CSS, Github

Featured as main article at Copper Courier "Two Phoenix Women Created a Website Showing Where Kids Can Get Free Meals" on March 20th, 2020
https://coppercourier.com/story/phoenix-website-kids-free-meals/

EQ-Tracker

www.eq-tracker.xyz | https://github.com/DataScienceConsultants/eq-tracker

Abstract: Earthquake real time data gathered through an api call, visualized using Leaflet into a website.
Contribution: Collaborated on the Javascript code and created the website that hosts the maps.
Used: Python, Flask, Javascript, Leaflet, API calls, HTML, CSS, Github

Dating App

www. https://github.com/DataScienceConsultants/Final-Project

Abstract: Data from a Speed Dating experiment was used to train and test a model that matches participants based on their interests and likeability.
Contribution: Trained and tested a model with SVD, KNN and Matrix Factorization to determine matches between participants using a coefficient on their interests.
Used: Python, Jupiter, Tableau, Github

Formula SAE Built , Polytechnic University of Puerto Rico

Abstract: Team of mechanical engineering student designed and fabricated a formula car for competition
Contribution: Help design the shift system and fabricate the body and chassis of the vehicle.
Developed cost report according to the specifications of the competition, winning 10th Place with 85% in efficiency on costs.
Used: Word, Excel, SolidWorks, AutoCAD, ARC Welding, CNC, Matlab.