

JASON TELLEZ

DATA SCIENTIST

CONTACT



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TECHNICAL SKILLS

SQL - Python - Pandas - Numpy - Matplotlib - Seaborn - Applied Statistics - Storytelling - Git - Tableau - Machine Learning - NLP - Anomaly Detection - Spreadsheets - PySpark

EDUCATION

Codeup

San Antonio, TX

Dec 2021

Fully-immersive, project-based 22-week career accelerator that provides 670+ hours of expert instruction in applied data science. The course focuses on the full data science pipeline while working with real, messy data to deliver actionable insights to stakeholders.

Texas Tech University

Lubbock, TX

Aug 2019

B.A. Mathematics
Minor in English

WORK EXPERIENCE

Datamark Inc.

Team Lead/Lead Operator

San Antonio, TX

Nov 2019 - May 2021

Was responsible for leading and organizing a team of data entry operators to process data with accuracy and promptitude according to customer demands. Frequently communicated with other team leads and project managers to create or adjust daily tasks. Tasked with checking and enforcing customer-imposed security measures to prevent unrestricted access to company data or facilities.

PERSONAL PROFILE

I am a Data Science professional driven by successfully and promptly completing objectives. Doing so with proven methods and new skills acquired along the way. I am seeking a role that will allow me to analyze and visualize given data by communicating findings in meaningful and succinct detail.

PROJECTS

Is America's Glass Half-Empty? - Classification

Nov 2021

By acquiring survey data from the Pew Research Panel, our team explored the drivers of pessimism in American Prospective Attitudes. We created clusters with our variables in order to explore and understand the data. Then, we created classification models from the scikit-learn library to predict the pessimism of the survey participants. Understanding what most likely drives pessimistic or optimistic thinking about the future will help business leaders clarify strategies for moving forward and guide expectations of future success.

Github Guesser - Natural Language Processing

Nov 2021

Using python and the nlp library known as NLTK, we created a web-scraping script that looked into 1,500 Github repos and acquired each repo's respective README content for analysis. We then prepared the content to allow us to ultimately create a model that could predict whether a repo's main language is TypeScript with an 84% accuracy.

Dance to the Music - Linear Regression

Oct 2021

Using data gathered from Spotify, my goal was to use find what song features determine a song's "danceability" score ranging from 0 to 1. More specifically, what helps make a song more suitable for dancing. Using multiple models and choosing my Polynomial Regressor model, my model was better at predicting a song's danceability score better than the baseline by almost 0.1 points (out of 1).

Weather Predictions, Amazonas, BR - Time Series

Oct 2021

Using repackaged data acquired by Berkeley Earth, the purpose of this report is to forecast the average temperature of a given area. For this report, I chose to analyze the data of Amazonas, a state in Brazil which is almost entirely composed of rainforest. Specifically, I created different forecasts using simple average, moving average, Holt's linear trend, previous cycle. I was able to predict the temperature with 0.6° C of the actual temperature.

Telco Churn - Classification

Aug 2021

Using the Telco Churn dataset, I worked through the necessary steps of acquiring, preparing, and analyzing the data. Then, I created classification models from the scikit-learn library to accurately predict whether a given customer in the dataset will churn or stay. My Logistic Regression model was able to predict if a customer churned with an 81% accuracy.