



DAVID TENORIO

Data Scientist

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Data science is the crossroads where analytics meets creativity. Leveraging diverse tools, I am able to analyze untapped data and derive insights that are used to inform meaningful, real-world decisions. My love for problem solving led me to data science. My passion for helping others and contributing to the common good motivates me to become a master storyteller. Somewhere, something incredible is waiting to be known. I will be the one who discovers it and tells the story.

TECHNICAL SKILLS

Applied Statistics - SQL - Python - Pandas - Matplotlib - Machine Learning - Natural Language Processing - Data Storytelling - Git - Tableau - Anaconda - Seaborn - PySpark

EDUCATION

Codeup 8/2018 - 1/2019

Fully-immersive, project-based 20-week career accelerator that provided me with 670+ hours of expert instruction. I developed expertise across the full data science pipeline (planning, acquisition, preparation, exploration, modeling, delivery), and became comfortable working with real, messy data to deliver actionable insights to diverse stakeholders.

Bowdoin College 8/2008 - 5/2012

Bachelor's of Arts
Major in Government & Legal Studies

PROFESSIONAL EXPERIENCE

Linebarger Attorneys at Law, LLP

CLIENT REPORTING MANAGER 9/2015 - 10/2019

Maintained databases and tracked all legal services rendered by using monthly queries. Created and delivered all delinquent tax reports for clients, summarizing legal work completed. Assisted with proposals for new clients, marketing materials, and special events. Oversaw the addition of 17 new clients, bringing the total to 96.

SHERIFF SALE COORDINATOR 7/2014 - 9/2015

Organized monthly delinquent tax sale foreclosures by coordinating with the Bexar County tax office, District Clerk, and Sheriff's department. Communicated daily with defendants, opposing counsel, and County officials to meet deadlines and ensure successful monthly tax auctions. Drafted and reviewed Sheriff tax deeds prior to signing and notarizing.

CAPSTONE PROJECT

Classifying Hard Drive Reliability 1/2020

Predicted and classified hard drive reliability by utilizing hard drive performance data provided by the cloud storage company Backblaze. Working on a team of four, identified the primary indicators for early drive failure and developed a model to predict early failures using SMART attributes (drive performance metrics).

DEVELOPMENT PROJECTS

NLP with Github Repositories 12/2019

Used Github.com's API to webscrape 400 repositories related to the Advent of Code challenge. We extracted the Readme files and converted to a JSON format to form our dataset. Used Natural Language Processing to identify keywords that pertained to each programming language. Created a classifier model used to predict the computer language of each project based on the contents of the Readme.

Fitbit Time Series 11/2019

Analyzed an individual's Fitbit data to determine their physical attributes and fitness activity patterns. We cleaned and structured csv files into a Pandas dataframe and then used time series modeling to make predictions on future activity levels. We delivered our findings with a two slide presentation to a general audience.

Predicting Price with Clustering 11/2019

Experimented with data clusters in a Zillow property database in order to find patterns between pricing prediction error and property characteristics. We feature engineered new variables and presented our finding to other data scientists in the form of a Jupyter Notebook.

Customer Churn Classification 10/2019

Analyzed a telecommunication company's customer database to identify attributes that were most prevalent in churning customers. Created a classification model to predict whether or not a customer would churn, with a focus on reducing false negatives. Delivered a slide show presentation tailored to company executives.