


# GUADALUPE LUNA

D A T A S C I E N T I S T

 (630) 870-9707

 luna.guadalupe898@gmail.com

 /guadalupe-luna/

 /lupeluna

## >>> PROFESSIONAL BIO

Analytical data science professional leveraging hands-on expertise in data mining, predictive analytics, and machine learning to build and optimize data solutions/models that generate critical business insights and facilitate decision making.

## >>> TECHNICAL SKILLS

- Python
- SQL
- Spark
- Tableau
- Scikit-learn
- Pandas
- Numpy
- Matplotlib
- Seaborn
- Bootstrap
- Applied Statistics
- Machine Learning
- Data Storytelling
- Git
- Jupyter Notebooks
- Natural Language Processing

## >>> ACADEMIC PROFILE

### Codeup

September 2021

Fully-immersive, project-based 22-week career accelerator that provides students with 670+ hours of expert instruction in applied Data Science. I developed expertise across the full data science pipeline (planning, acquisition, preparation, exploration, modeling, delivery)

## >>> WORK EXPERIENCE

### Cash Application Specialist

Option Care Health | November 2018 - October 2020

- Exceeded goals as top Cash Application Specialist by posting payments and denials at a 99% accuracy rate with an average of 400+ manual transactions per day.
- Performed reviews of AR reports, identified posting issues and developed action plans.

### Administrative Assistant / Customer Service Representative

Embossed Graphics | May 2015 - October 2018

- Collaborated with retailers to increase sales through upselling and providing recommended samples.
- Performed various administrative duties, including customer support, and daily reporting.

### Office Assistant

CBRE/Microsoft | May 2013 - July 2014

- Performed various administrative duties, including scheduling, partner support, and daily reporting.

## >>> DEVELOPMENT PROJECTS

### Mental Health in Tech - Capstone Project

Collaborated with a team to find the drivers for mental health in the tech field. We acquired the data from Kaggle, and after cleaning and preparing the data, we were able to build a classification model. We then used the data to make suggestions on how a company could improve the quality of life and morale for their employees.

### NLP Project

In a group setting, we used web scraping to extract some of the most-starred repositories on Github, and build a multi-classification model to predict the most predominant programming language that was used. The data used was based off of the README contents.

### Water Potability Project

The data used in this project are the quality metrics for 3276 different water bodies. With the data, I analyzed how drinkable the water was and predicted the if water was safe to drink. In this project, using the Classification Methodology, the Decision Tree ran the best model that beat the baseline on the prediction of whether the water is potable or not.

### Zillow Regression Project

I Examined Zillow's single-unit properties with transactions during May-Aug 2017, acquired from MySQL database. This dataset required cleaning data. I constructed a final regression model that predicts a home's tax assessed value.

### Zillow Clustering Project

SQL was used to join multiple tables for 2017 properties (Zillow database). I prepared and explored the data using pandas, Seaborn, and Matplotlib and used Scikit-learn to cluster and encode data for modeling to predict the error in Zillow's Zestimates.

### Telco Churn Project

I used SQL to join multiple tables for Telco Churn. My goal was to identify the key driver(s) of churn within the TELCO database. I developed a classification model to accurately predict the key driver(s) of churn. The baseline accuracy was 73.5%. The Decision Tree was the best model that beat the baseline accuracy score by about 5%