

# CARLOS GUTIERREZ

## DATA ANALYST

### SUMMARY

Enthusiastic and conscientious Data Analyst and Machine Learning early career professional. Previously worked as non-profit organization general manager at Topstone Bibles & Books and Associate Program Director for The Church in Houston. Currently looking evaluate data using analytical, statistical and machine learning tools needed solve needs in industry.

### SKILLS

SQL  
Python  
Inferential Statistics  
Data Visualization (Matplotlib, Seaborn)  
Pandas  
Sci-kit learn  
Flask  
AWS EC2  
AWS SageMaker  
AWS RDS  
AWS S3

### CONTACT

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 [carlosgutier.com](https://carlosgutier.com)

### EDUCATION

#### DATA ANALYSIS & MACHINE LEARNING

Lambda School | 2018 - 2019

Coursework: Linear Algebra, Hypothesis Testing and Inferential Statistics, Data Visualization and Communication, Advanced Regression, Model Validation, Data Engineering, Tree Ensembles, NLP, Neural Networks, Deep Learning.

#### BBA, FINANCE

University of Houston | 2002 - 2007

### PROJECTS

#### INTERPRETING CUSTOMER CHURN WITH SURVIVAL ANALYSIS | 2019

- Used the Lifelines Python package to analyze data of customer tenure for a telecommunications company.
- Through survival analysis approach found statistically significant features that seemed to contribute to customer dropout.
- Recommended steps to take to increase customer retention based on findings.

#### RXID PILL IDENTIFIER APP | 2019

- Built baseline optical character recognition model using Tesseract and OpenCV to detect and read text imprint on prescription pills.
- Used AWS Rekognition, OpenCV image filter to read text from pill images and matched results with data in PostgreSQL database hosted on AWS RDS.

### EMPLOYMENT

#### GENERAL MANAGER

Topstone Bibles & Books | Houston, TX | 2016 - 2018

- Oversee and coordinate with staff and volunteers for publication distribution in Southeast Texas venues and neighborhoods.
- Manage monthly educational events and yearly conferences.
- Oversee orders and customer satisfaction for online and retail bookstore.
- Hold bi-annual meetings with board of directors.

#### OUTREACH ASSOCIATE PROGRAM DIRECTOR

The Church in Houston | Houston, TX | 2009 - 2015

- Coordinate logistics and attendance for local and state conferences.
- Co-manage community outreach program for field recruitment and training.
- Lead area wide small groups to nurture members and develop their abilities to nurture fellow members.