

ARAM RAMOS

Data Scientist

I'm a Data Scientist with 10+ years of hands-on experience in both academy and industry. I leverage predictive models and demographic analysis to translate complex data findings into actionable insights, solve cross-functional problems, guide decision-making process, and empower teams and organizations with data-driven initiatives. Passionate about education and working with cross-functional teams.

RELEVANT EXPERIENCE

Present
|
2010

●

Data Scientist Consultant

Remote (USA)

- Several cross-functional projects leveraging data science and demographic analysis to solve complex problems and deliver clear insights. I have used and implemented supervised and unsupervised ML models, time series analysis and forecasting, survey and sample design, primary data collection, worked with large data sets from different sources, mathematical demography, hypothesis testing.

2021
|
2012

●

Lecturer

Remote (USA)

- Lectured both undergraduate and graduate courses, such as: Actuarial Mathematics, Biostatistics, Mathematical Demography, Generalized Linear Models, Time Series.

2020
|
2018

●

Department Head

La Salle University (MX)

- Managed a small cross-functional team that leverages data science tools to uncover data insights and guide strategic decisions in the University. We created and modified 50+ undergraduate and graduate programs.
- Built 70+ time series to analyze, forecast, and evaluate University's performance. Findings guided marketing and enrollment efforts and resources distribution.

2018
|
2015

●

Team Lead

La Salle University (MX)

- Analyzed large datasets and built several ML models to understand and generate insights and solutions in several topics about University's performance, such as: enrollment, students and faculty performance, how graduates search for jobs.
- Build both ML and demographic models to identify potential students and programs for a new campus. Today, over 1,100 students are attending that campus by year.

2015

●

Statistician

Volaris Airlines (MX)

- Built 50+ time series to forecast revenue and analyze trends. Insights helped to identify gaps in the revenue by route, optimize routes, and develop new products.
- Analyzed large data sets to deliver actionable insights for business development. I also started to migrate the company's data analysis from Excel to R.

EDUCATION

2018

●

Leveraging Big Data for Sustainable Development Workshop

Massachusetts Institute of Technology (MIT)

Cambridge, MA

2012
|
2010

●

MS Demography

El Colegio de Mexico (COLMEX)

Mexico City, MX

2008
|
2004

●

BS Actuarial Mathematics

National Autonomous University of Mexico (UNAM)

Mexico City, MX

CONTACT

in

in/aramramos

📖

aramseries.carto.com

🐙

github.com/aramseries

✉

aram.series@gmail.com

📍

Seattle, WA

📞

(916) 707 2799

SKILLS

Data analysis and statistical modeling
Machine learning.
Time series analysis and forecasting.
Demography
Data cleansing, modeling, mining and visualization.
Creativity
Leadership
Teaching
English and Spanish.

SOFTWARE

R

SPSS

EViews

Python

SQL

Stata

ACTIVITIES

🚴 Biking
🏊 Diving
🤝 Volunteering

MORE INFO

See full CV for a complete list of positions.