

Amlan Limaye

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SKILLS

Python (numpy, scipy, pandas, scikit-learn), R, D3, SQL, Excel, Tableau, Linux

EXPERIENCE

General Assembly (GA)

San Francisco, CA

Data Science Bootcamper (see full coursework below)

Nov 2016 – Mar 2017

- Capstone Project: Discovered abstract topics being talked about in Yelp Reviews using Latent Dirichlet Allocation (LDA) and created an interactive visualization (Intertopic Distance Map) to explore their distribution.

University of Southern California (Project): Credit Card Fraud Detection

Spring 2016

- Built a supervised ensemble model to identify fraudulent credit card transactions using Logistic Regression, Random Forests and a Neural Network by measuring deviations from transactional pattern profiles at two important entity levels - credit card number and merchant ID
- Engineered features based on transaction volume and transaction amounts for the last $n = 1, 2, 5, 7$ days normalized by the 90-day moving average for the respective entity level

Electronic Arts (EA)

Playa Vista, CA

Mobile Analytics Contractor

Fall 2015

Worked with EA's Analytics Team to investigate optimal times to launch and promote titles and title updates to maximize number of installs and average revenue per user.

- Identified distinct optimal launch windows for title launches and updates using Regression, Time Series and Clustering models for 9 EA mobile games in 10 major markets; projected to increase customer engagement by 14% compared to the current "launch when ready" scheme

City of Los Angeles

Los Angeles, CA

Graduate Student Consultant (Department of Transportation)

Spring 2015

Worked with the City of LA, LAPD and the LADOT on a project aimed at designing solutions to enhance pedestrian and motorist safety.

- Won Best Data Analytics / Business Intelligence Project at 2015 Best of California Awards by Government Technology Magazine for project's breadth and depth of analysis and recommendations.
- Analyzed 5 years of collisions data involving pedestrians, bicyclists and motorists; identified 2 key Collision Factors (Auto Right of Way violations and jaywalking) responsible for 76% of pedestrian and bicyclist collisions in LA, and suggested measures to reduce them.
- Developed an interactive app for mapping LA collision hotspots and accessing collision stats via a dashboard for city staff using Shiny (RStudio).

EDUCATION

General Assembly

San Francisco, CA

Data Science Immersive Bootcamp

March 2017

Coursework: Python (sklearn, pandas, matplotlib), Machine Learning (regression, classification, clustering), SQL, Git, Linux

University of Southern California

Los Angeles, CA

MS in Business Analytics: Dean's list (Fall 2014 - Spring 2016)

May 2016

Coursework: Statistics, Fraud Analytics, Data Visualization, Database Systems, Optimization, Data Driven Strategy

Lifetime member of Business Honor Society, Beta Gamma Sigma

Birla Institute of Technology and Science

Dubai, United Arab Emirates

BE (Honors) in Computer Science

June 2014

VP of Association of Computing Machinery Student Chapter (2012 - 2013), Microsoft Student Partner (2013 - 2014)