ELIZABETH ORTEGA

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EDUCATION

California State University, Long Beach
M.S. Applied Statistics, GPA 4.0

California Polytechnic State University, San Luis Obispo
B.S. Quantitative Economics / Minor in Statistics

EMPLOYMENT

Data Scientist

UC Irvine   07/2020 – PRESENT
- Analyzing & forecasting using over a million records of student data using SQL, R, Python & Power BI to support decision making by campus leaders
- Creating visualizations, dashboards, tools and analysis for all academic units on campus and establishing & deploying a BI system for the campus
-Creating forecasting models and dashboards for undergraduate admissions for over 100,000 applicants to the university with high accuracy

Senior Statistical Data Analyst

SchoolsFirst Federal Credit Union   10/2016 – 06/2020
- Developing statistical predictive models using SQL, R and SAS to model loan originations and credit losses for portfolios totaling over $15 billion
- Creating engaging, informative and understandable presentation materials using Excel, PowerPoint and SAS to aid senior management in making decisions regarding statistical modeling
- Cleaning and scrubbing all datasets and creating a quality control process for all data used in statistical modeling

Statistical Consultant

Statistical Consulting Group, CSULB   01/2016 – 07/2016
-Performing statistical analysis and data cleaning for clients using R, SAS, SPSS, Minitab and interpreting & communicating results

Director of Data Services
Q-Aces, LLC   06/2013 – 07/2014
-Statistical analysis of keywords and online marketing data results to drive search engine traffic for clients, as well as a/b testing
- Using Tableau, Excel, R, Python & SAS to create materials detailing marketing efforts to clients using text, graphics and dashboards

SKILLS

Advanced: SAS Certified Base Programmer – programming including SAS MACROs & PROC SQL, MS Excel, MS PowerPoint, MS Word, SQL (MS SQL Server), R programming
Proficient: Python programming, Tableau, SPSS, STATA, Matlab, Google Analytics

ACTIVITIES

Member, *American Statistical Association*   2012 - Current