

Elena Palesis

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Education

M.A. in Mathematics; Wake Forest University, Winston Salem, NC — 2013 to 2015

B.S. in Mathematics; Virginia Commonwealth University, Richmond, VA — 2008 to 2013

Experience

Data Engineer at Skillz; Oct 2016 to Present

- Used Python and SQL to capture conversion metrics of various marketing campaigns
- Created Python pipelines to extract and transform various data sources into the Skillz data warehouse
- Integrated marketing team's tools with Facebook's Marketing API to streamline their advertising analytics
- Managed AWS Database Migration Service to stream production MySQL data to Amazon Redshift

Data Analyst at Google; Feb 2016 to Oct 2016

- Created Pacer, a business analytics tool built in Data Studio for account managers to create targeted campaigns and to track their progress towards their quotas.
- Optimized the Sales Operations team's SQL queries
- Using R, generated quarterly business statistics and visuals

Network Analysis Consultant at Virginia Commonwealth University; Aug 2015 to Jan 2016

- Cleaned grant proposal data using R and MySQL
- Used R and Python to gain various insights from this data to improve the success rate of VCU grant proposals

Teaching Assistant at Wake Forest University; Winston Salem, NC – Aug 2013 to May 2015

Lectured, tutored, graded, and held weekly recitation sessions for both introductory and advanced mathematics courses.

Graduate Research Student at Wake Forest University; Winston Salem, NC – Aug 2013 to May 2015

Developed classifications of knots and links into symmetry groups based on their Milnor invariant.

Skills

Languages

Python, SQL, R, Bash

Tools

pandas, boto, git, Mathematica, MATLAB, Maple, LaTeX, numpy, matplotlib, dplyr, ggplot2, plotly, vim