

JULIA NORDBAKK

DATA SCIENTIST

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Skills

PROGRAMMING AND PACKAGES:

Python
Pandas
Matplotlib
MySQL
VBA
ACL
NumPy
JavaScript
HTML/CSS
Plotly
Leaflet
Tableau

Education

UC Berkeley Extension
Data Analytics Bootcamp

May 2018 to Current

Santa Clara University

June 2008 to June 2013

Bachelor of Science Operations & Management Information
Systems

Employment

PricewaterhouseCoopers

San Francisco

Data Analytics Senior

Oct. 2014 to Current

-Advised on lease accounting software implementation and worked with Data team at Salesforce. I used VBA to automate the process of structuring the data and SQL to create a set of scripts to develop a DQI deliverable

-Wrote, tested, and executed scripts in SQL for Fortune 500 companies to analyze revenue trends and expense activities, identify potential frauds from data patterns and transaction irregularities.

-Created and presented dashboards for audit teams using Tableau and Qlikview software based on the results of my scripts. Helped audit teams determine risk vectors in strategic planning.

-Worked with clients to understand business processes and system structures of financial datasets from various ERPs such as Oracle, SAP, PeopleSoft, NetSuite

Projects

TwitterBot

Created a Twitter bot that sends out visualized sentiment analysis of a Twitter account's recent tweets using the Python library Tweepy to access the Twitter API, VaderSentiment to perform the sentiment analysis and Matplotlib to graph the results.

Market Analysis on Ride Sharing Company

Used Pandas Library and Jupyter notebook to load and clean the data sets and the Matplotlib and Seaborn libraries to visualize trends

AirBnB Dashboard

Created interactive dashboard on AirBnB listings in San Francisco. Created a SQLite database to store the clean data, a flask app as the web framework, and Leaflet and Plotly as the JavaScript libraries to create visualizations.