

# Joseph Lane

## Data Scientist

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## Skills

Languages: Python (5 YoE) | SQL (5) | R (3) | Presto (2) | Spark | RedShift | PostgreSQL  
Software: Excel | AWS | Tableau (3) | PowerBI | Github | Jira | Jenkins

## Experience

Pinterest - Data Scientist

November 2022 - Current

- Developed a machine learning model for classifying Zendesk support tickets, offering a cost savings of \$1.2 million with the replacement of a third-party contract.
- Helped plan the optimization of a companywide LLM using langchain, vector embeddings, and gridsearch.
- Taught the research team meta-analysis and made a library in Python (with Jenkins CI/CD) to automate the use/presentation of marketing analytic studies.
- Reporting to the global sales team on Pinterest's largest advertisers' performance using Python, SQL, Tableau and Superset.
- Reporting and strategizing on Pinterest's paid marketing to increase valued users.

Promontory MortgagePath - Data Scientist

June 2022 - November 2022

- Reported to C-suite on mortgage pipeline with Python, SQL and JasperSoft.
- Planned use of predictive analytics for mortgage value estimation.
- (Company shutdown due to mortgage market drop of 2022).

OMD Worldwide - Data Analyst

November 2021 - May 2022

- Reported on 3 Clorox subsidiaries using Excel and PowerPoint across all channels of paid marketing (OTV, Billboard, SEO, Facebook Ads, Pinterest Ads...etc).
- Automated monthly marketing reports through Python scripts.

Lawrence Livermore - Data Scientist

June 2021 - September 2021

- Made a machine learning pipeline using Python and SQL to report on bomb detecting radar and its ideal modes for bomb classification.
- Project-based contract completed early.

Biola University - Research Assistant

May 2018 - May 2021

- Assisted the head of the Math and CS department with Sabermetrics analyses in Python and R, resulting in 3 publications by major Baseball statistics publishers.

## Education

Biola University - Dual BS in Applied Math and Classics

May 2021

Moorpark College - AS in Computer Network Engineering

May 2016