

Kyle DuPonte

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PROFILE

Senior Data Scientist (Analytics) with over 10 years of experience leveraging advanced analytics to solve business and product challenges. Proven leader in guiding data-driven decision-making through statistical models, machine learning, and A/B testing. Strong track record in managing analytics teams, mentoring analysts, and delivering insights that impact company strategy.

EDUCATION

B.A. in Science, Technology, and Society (STS)

Stanford University

2011

Palo Alto, CA

SKILLS

Languages

Python, SQL

Data & Statistical

Analysis

A/B Testing,
Experiment Design,
Predictive Analytics,
Anomaly Detection

Machine Learning

Model Development,
Forecasting, Propensity
Score Matching

Data Pipelines

Airflow ETL, Data
Automation

Data Visualization

Looker, Chartio,
Tableau

PROFESSIONAL EXPERIENCE

Senior Recommendations Analyst II

Credit Karma

Dec 2019 – present

Oakland, CA

- Leading the analytics experimentation program, driving best practices across teams, establishing guardrails and automated experiment performance alerting, which have led to significant cost savings (conservative estimation of ~\$40M/year).
- Designed and implemented a company-wide engagement framework, which has been used in company OKRs for the past 3 years.
- Providing strategic business recommendations to executive leadership, data science, product analytics, and marketing teams on an ongoing basis.
- Mentored and developed over 10 analysts, with ongoing leadership of a dedicated team of 3.

Senior Data Science Analyst

LendUp

Aug 2017 – Nov 2019

San Francisco, CA

- Spearheaded analysis to improve product and credit policy, resulting in a 12% increase in loan approval rates with minimal impacts to losses, through enhanced machine learning models.
- Developed and implemented forecasting models, improving loan volume prediction accuracy by 20%, greatly improving user lifetime value projections.

- Collaborated with product and engineering teams to integrate analytics into additional development and decision-making processes.

Venture Capital Investment Analyst

Jul 2014 – Jul 2017

Kamehameha Schools Endowment

Honolulu, HI

- Led data analysis for a \$1.2B venture capital and private equity portfolio, overseeing performance tracking and conducting investment due diligence.
- Built financial models that informed a 10% allocation adjustment, increasing fund returns through strategic rebalancing.

Commercial Credit Analyst II

Aug 2012 – Jul 2014

American Savings Bank

Honolulu, HI

- Conducted financial modeling and credit analysis to support commercial loan underwriting, contributing to key lending decisions.

Co-Founder

Jun 2011 – Dec 2014

Lemon Clothing

Honolulu, HI

- Launched a retail brand, overseeing operations, digital marketing, and e-commerce.
- Built partnerships with 7 retailers and executed 20 community events, including charity initiatives.

VOLUNTEERING

Guest Lecturer

Honolulu, HI

*University of Hawaii, Shidler College of Business***Volunteer**

Honolulu, HI &

Purple Mai'a Native Hawaiian Tech/Entrepreneurship Program

San Francisco, CA