

Aidan D. Jensen, MBA

Rancho Cordova, CA

+1(818)-428-9317

adjensendataservices@gmail.com

[linkedin.com/company/jensen-data-services](https://www.linkedin.com/company/jensen-data-services)

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Professional Summary

Data Scientist and Statistical Consultant with over five years of experience in healthcare technology startups, specializing in the interpretation, evaluation, and communication of data. Current areas of professional focus include HIPAA compliance, Machine Learning, and improving data literacy and AI adoption within organizations.

Current Professional Experience

Data Scientist



Vital Interaction — Nov 2024–Present

- **Designed and built** the organization's internal and external reporting capabilities, ensuring HIPAA compliance.
 - **Conducted research using proprietary data** to predict patient non-attendance. Continually monitor the model for bias and drift.
 - **Lead of internal AI-Tool adoption group**, driving AI adoption benchmarks and educating non-technical coworkers on topics such as Machine Learning and Large Language Models (LLMs)
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Education

Master of Business Administration (MBA)

Western Governors University — Salt Lake City, UT

Attended, Graduated: 2022

Relevant Courses: Management Communication, Ethical Leadership, Data-Driven Decision Making



Bachelor of Arts (Double), Statistics & Data Science, Economics

University of California, Santa Barbara — Santa Barbara, CA

Attended: 2016-2020; Graduated: 2020

Relevant Courses: Machine Learning, Time Series Forecasting, Econometrics, Experimental Design



Additional Professional Experience

Analytics Engineer / Data Analyst

Hazel Health — Feb 2022–Aug 2023



- Developed statistical reports and forecasts used in decision-making by school districts and internal leadership
- Conducted research on GAD-7 (Anxiety) and PHQ-9 (Depression) screeners before and after treatments to determine the efficacy of treatment on patients
- Developed an “appointment timeslot” framework used to identify and recommend the optimal time-provider appointment slot based on a given student’s needs and provider availability

Data Scientist

Artera — Jan 2020–Jan 2023



- Led the implementation of “Artera Analytics Plus”, the company’s paid analytics offering available to clients. Maintained HIPAA compliance in an environment featuring over 100 live clients.
- Organized and led numerous research initiatives, including evaluation of patient preferences for appointment reminders & preferred manner of response
- Designed and engineered a usage overage detection model that forecasted clients’ usage against their contracted limit. This flagged \$1.3 million of potential client overages expected among contracts ending in the following 6 months, allowing the company to take prophylactic action on the accounts.

Tools, Techniques, and Domain Expertise

Programming Languages:

Expert Level: Python (pandas, scikit-learn, Keras), R (tidyverse, pROC, forecast), SQL

Proficient: Spark, HTML, CSS, JavaScript

Proficiencies in Statistics and Data Science:

Experimental Design, Bias Audits, Time Series Forecasting, Causal Inference, Linear Regression, Logistic Regression, Decision Trees, K-Nearest Neighbors, K-Means, Random Forests, Neural Networks, Gradient Boosting Ensemble Methods, Stepwise Regressions, Dimensionality Reduction, Synthetic Minority Oversampling Technique (SMOTE), Feature Engineering, Normalization, De-Duplication, Outlier Detection, One-Hot Encoding, Imputation

Professional Affiliations

- **Member**, American Statistical Association



Publications

Articles Co-Authored:

Telehealth Expected to Outlast Pandemic, Accounting for 15 percent of Total Patient

Visits; Published July 14, 2020:

Viewable at: <https://artera.io/resource/data-insights-telehealth-during-covid-19/>