

# Jim Kloet (he/him)

**Data Science & Analytics Leader**

Chicago, IL, USA

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## Summary

Hi, I'm Jim Kloet (rhymes with *flute*), and I love building and mentoring teams of data professionals, especially when we get to collaborate with product teams in software and tech organizations. Whether your org calls it data science, analytics, or something else - I want to help you understand your data, get better data where we need it, and most importantly, use those data to make better decisions.

## Experience

### Senior Manager, Product Data Science

**The Knot Worldwide - Chicago, IL**

2024 – 2025

- I managed a team of 4 remote product data scientists across the US and Spain.
- We designed, implemented, and analyzed 10–20 experiments per month using a Bayesian framework.
- We delivered weekly KPI readouts to senior leadership, including CEO, for two org-wide initiatives.
- We built tagging workflows for over 2,500 content pieces and 10,000+ images.

**Tech Stack:** Python (pandas, streamlit), R (shiny), Snowflake, GitHub, Quarto, ChatGPT Enterprise

### Data Science & Machine Learning Lead (Co-Founder)

**Slam Dunk Betting Services - Chicago, IL**

2024 – Present

- I built machine learning ensembles for sports predictions and open-source scraping tools.
- I deployed dashboards and an alerting system for EV bets.
- I recruited over 100 Discord users and tracked over 3600 units ROI.
- I used AI to port ETL to Google Cloud, saving over 100 hours.

**Tech Stack:** Python, R, Google Cloud, GitHub, bash, Claude

### Manager, Product Analytics & Data Science

**Reverb - Chicago, IL**

2021 – 2024

- I scaled a data team from 1 to 6 people.
- We increased monthly experiment volume from 5–6 to 10–15.
- We developed ML models for pricing predictions and listing matching.
- We built a prototype recommendation system based on listing similarity.
- **Tech Stack:** Looker, Amplitude, dbt, Redshift, Airflow, PyTorch, Comet, Ray, Anyscale

### Lead Data Scientist, IT Data Science

**ABC Supply Co. - Chicago, IL**

2019 – 2021

- I developed an org-wide productivity KPI with senior leadership.
- I led attrition analysis that informed bonus timing strategy.
- I mentored students in capstone projects, leading to 4 hires.
- **Tech Stack:** Snowflake, R, Databricks, Azure, Tableau

### Lead Data Scientist

**Nielsen - Chicago, IL**

2019

- I built ETL pipelines to standardize product data.
- I developed CPG pricing optimization dashboards at the store level.
- **Tech Stack:** Redshift, EC2, R, PyCharm, Docker, SAS, Tableau

### Director of Insights & Analytics / Senior Data Scientist

**Mattersight - Chicago, IL**

2015 – 2019

- I led a 7-person analytics team serving 24 SaaS clients.
- We automated reporting workflows to save 100+ hours monthly.
- We developed routing and satisfaction ML models generating over \$250K annually.
- **Tech Stack:** R, Jenkins, SQL Server

### Director of Visual Applications / Contributing Writer

**RotoViz - Chicago, IL**

2013 – 2019

- I built and maintained 15 NFL data tools for fantasy football.
- I trained and edited content a 10-person writing team.
- I developed ML models for NFL QB performance and coach play-calling.
- **Tech Stack:** R (shiny), SPSS, SAS, WordPress

### Translational Research Fellow / PhD Candidate / Technician

**Northwestern University - Evanston, IL**

2009 – 2015

- I conducted neuroimaging research on language learning using fMRI and rTMS.
- I lectured on neurodegenerative disorders and neuroimaging methods.
- I published peer-reviewed research and trained students.
- **Tech Stack:** Matlab, R, SPSS, JMP

## Presentations

- “I Am A Data Scientist, And So Can You!” - Erdős Institute Industry Speaker Series, 2023
- “Garbage Data, And What To Do About Them” - RStudio::conf, 2022
- “Mapping 311 Requests in Chicago” - useR! Conference, 2020

## Skills

- **Languages:** Python, R, SQL
- **Visualization:** ggplot2, seaborn, Shiny, Streamlit
- **BI & Analytics:** Amplitude, Fullstory, Looker, MixPanel, Tableau
- **Cloud:** Amazon Web Services (AWS), Google Cloud Platform (GCP), Microsoft Azure
- **AI / ML / MLOps:** Anyscale, ChatGPT Enterprise, Claude, Comet, PyTorch, Ray
- **Data Engineering / Infra:** Airflow, Databricks, dbt, Docker, GitHub, Jenkins, Snowflake, SQL Server
- **Other Tools:** Bash, JMP, Matlab, PyCharm, Quarto, SAS, SPSS, VSCode, WordPress

## Education

**Northwestern University - Evanston, IL**

MA, PhD (ABD), Cognitive Science / Communication Sciences & Disorders, 2015

**University of Michigan - Ann Arbor, MI**

BA, Psychology, 2006