Rachel Goldberg

Data Science Manager

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SUMMARY

Data science manager with 10 years of experience, including 4 years leading data scientists in digital media and banking. Hires and develops people, sets priorities with business partners, and keeps Python, SQL and machine learning work tied to measurable revenue and cost results.

EXPERIENCE

Data Science Manager

03/2022 - Present

Hudson Street Media — New York, NY

Manages the audience data science team at a digital publisher with 40M monthly readers.

- Manage 7 data scientists and 2 analysts, running hiring, quarterly goals and performance reviews.
- Prioritize 20+ data science requests a quarter with editorial, ad sales and product leaders.
- Deliver a subscription propensity model that raised paywall conversion by **14%** in 6 months.
- Introduce Git code review and model documentation, cutting rework on shipped models by half.

Senior Data Scientist

06/2018 - 02/2022

Liberty Harbor Bank — New York, NY

Credit risk modeling for a regional bank with $28B in assets.

- Built machine learning models for small-business credit decisions, lowering defaults by 1.2 points at flat approval rates.
- Ran statistical analysis for stress-testing submissions reviewed by federal examiners each year.
- Mentored 4 junior scientists, two of whom earned promotions within 18 months.
- Rewrote legacy SAS scoring code in Python and R, cutting monthly runtime from 9 hours to 1.

Data Scientist

07/2016 - 05/2018

Chelsea Analytics Partners — New York, NY

Customer analytics consulting for retail and telecom clients.

- Analyzed loyalty data for retail clients with SQL, sizing promotions worth $2M in sales.
- Developed statistics training on testing and sampling for 15 client analysts.
- Wrote churn models in R for 3 telecom clients.

SKILLS

Python • SQL • R

Machine Learning • Statistics

Statistical Analysis • Git

Data Science

Communication Skills

EDUCATION

Master of Science

05/2016

Columbia University

New York, NY

Statistics