

Dave Holmes-Kinsella [Patent Holder](#) | [Author](#)
davehk@gmail.com | (415)290-3458 | [LinkedIn](#) | [essays](#)

Data & Product Leader with over two decades of expertise in Analytics, Engineering, Product Management & Engineering, focused on technical principles and inspired by my customers and my people.

- Designing & Architecting advanced data products
- Spearheading high-impact teams
- Launching game-changing analytics solutions that change how companies do business and how people think about their jobs

Notable accomplishments

- Built an ML-based engine for an investment fund, which outperformed both DJIA and S&P500 using consumer e-receipts as a data source
- Re-engineered a strategic capital investment decision process reducing the time spent by 7x and the Engineering cost by > 10x
- Built a to-the-penny reconciliation analytics workbench for \$100BB ledger

PROFESSIONAL EXPERIENCE

Synctera
Head of Data Science

Palo Alto, California & Toronto, Canada
2021-2024

[Synctera](#) is a banking & payments platform enabling companies to build and scale financial products

- Developed tools for revenue analysis, reconciliation, and audit responses, tracking over \$100BB in ledger activity. ([Vendor Case Study](#))
- Achieved 267% customer signup growth for analytics products in 2023.
- Improved Payment Operations team productivity 6x.
- Built tooling to drive auditor-response timeframes from multiple weeks to 3 days.

Afresh
Director, Data

San Francisco, CA
2019-2021

[Afresh](#) is an AI-powered company selling software to manage orders for fresh produce in grocery stores.

- Led the development of BI dashboards, driving improved order recommendation compliance resulting in 80% reduction in stock-outs and 25% reduction in shrink.

Facebook
Data, Metrics & Process

Menlo Park, CA
2018-2019

- Defined product roadmap for integrated data warehouse processes

Consulting & Startup Ventures

San Francisco, CA

Technical Advisor/Data Architecture/Dev

2011-2022

Provided product management, data architecture, design and pipeline engineering, and application development to various ventures. Clients included:

- An ML-startup focused on building a taste-based recommender system for the wine industry
- A global edge-infrastructure company focused on project management & facilities build-out & operation
- A telecom portfolio company focused on in-building wireless connection technology
- A network engineering tools company building sales tools for US operators

Slice Technologies

Palo Alto, CA

Director, Data Science & Innovation

2011-2016

Slice provided consumer market research datasets using ML-based technologies to parse purchase data from end-user sales receipts

- Analytics lead for strategic initiatives: stock market portfolio prediction service, key intellectual property acquisition (Vibrant Data); and eventual sale to Rakuten
- Built the first revenue products including data warehouse & market research data products

FiberTower

San Francisco, CA

Director, Analytics

2003-2011

- Improved information processes and decision-making practices through analytics.
- Built the industry's most comprehensive and accurate database of cell sites, towers, and fiber routes.
- Helped customers make informed, timely, and effective decisions.

EDUCATION

B.Sc, Computational Math. & analytical geometry, University of Waikato, New Zealand

VOLUNTEER WORK

In recent years, I've focused my volunteer work on people from disadvantaged communities.

- Coach junior and mid-career technology professionals execute successful career transitions
- Provide technical and professional mentoring advice to low income women and non-binary people with a goal of improving their financial lives by breaking into software development roles ([Tectonica](#))
Provide professional and life-skills mentoring and advice to currently and formerly incarcerated people with a goal of reducing recidivism ([Defy](#), [Hustle 2.0](#))

IN MY SPARE TIME

- PADI Advanced Open-Water certified SCUBA. Ask me about [diving with sharks in Fiji](#)
- With the Dolphin Club, preparing for a repeat of the [Swim From Alcatraz](#) and [Golden Gate Bridge Swim](#) (No. No wetsuit)
- Dual-threat Mountain Biker & Roadie, planning to do the [Russian River 200K](#) later this year