

BRAD WEINER, PHD

Experienced data leader, data strategist, and data scientist seeking opportunities to help your organization get more value from your data assets

SELECTED POSITIONS

2023
|
2021

Asst. → Assoc. Vice Chancellor & Chief Data Officer

The University of Colorado Boulder

📍 Boulder, CO

- Developed and coordinated campus-wide data strategy to improve decision-making and operational excellence
- Led a team of 25+ institutional researchers, analysts, BI developers, data scientists, data engineers, and front-end software developers charged with creating insights and products for campus stakeholders
- Sustained and expanded campus partnerships to strategically advance data usage
- Strategically positioned Office of Data Analytics as a network of skilled data experts available to help campus with data and tools
- Chaired campus data governance council to enable data use, broaden accountability, promote data literacy training, and reduce risk
- Built an Analytics Engineering organization to deliver “data as a product”

2021
|
2020

Director of Data Science, Office of Data Analytics

The University of Colorado Boulder

📍 Boulder, CO

- Led a networked data science team with dotted lines into student success, financial aid, strategic relations and communications, and undergraduate admissions
- Acted as a boundary spanner and convener of multiple campus units by leveraging analysis and storytelling
- Developed and implemented a fair, scalable, process to award institutional scholarships without the use of standardized tests during COVID-19 pandemic. Process was maintained and extended for 2022 cycle.
- Created business case and led development and implementation of predictive model intended to allocate resources toward admitted student yield efforts
- Initiated and contributed to an R package intended to improve reproducibility, scalability and standardization of institutional branding

2020
|
2015

Data Scientist → Director → Senior Director of Data Science

Capture Higher Ed

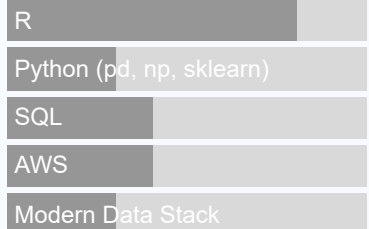
📍 Louisville, KY

- Led a centralized data science team charged with R&D, data products, analytics, data engineering, data quality, and thought leadership. This group:
- Generated ~10% of company revenue with a suite of data products including a student survey platform, an ML ensemble for enrollment outcomes that was 95% accurate, an analytic campaign reporting platform, and descriptive utilities for our marketing automation platform
- Built and maintained a partitioned data warehouse using S3 and Athena. This multi-year project pushed the company toward an analytic-friendly data storage tool and dramatically advanced our descriptive and predictive capabilities
- Provided thought leadership internally and externally. Examples include experimental design seminars to aid continuous improvement, sessions and training on algorithmic bias, webinars and conference presentations on data science, public code repositories for SAT/ACT concordance transformations, national conference Twitter analytics, and a podcast for higher education professionals that was downloaded >19K times prior to relaunch
- Consulted with institutional partners on best practices for using technology to achieve enrollment and advancement goals

CONTACT

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🐙 github.com/bradweiner
🌐 bradweiner.info
📄 [bradweinerprofile](https://bradweinerprofile.in)
📍 Erie, CO

TECH SKILLS



DOMAIN KNOWLEDGE

Data Strategy
Data Science
Product Strategy/Product Management
Advanced Analytics
KPIs/Dashboards/BI
Data Governance/Data Enablement

2015
|
2012

● **Analyst, Office of the Vice Provost for Undergraduate Education**

The University of Minnesota - Twin Cities

📍 Minneapolis, MN

- Researched institutional policies and proposed interventions impacting more than 30,000 undergraduates and annual institutional aid distributions of >\$80 million
- Employed statistical models to explore and understand interactions between enrollment, retention, tuition revenue, student aid, and student borrowing
- Produced ad-hoc analyses, visualizations, and presentations for campus partners including The Minnesota State Office of Higher Education, University Relations, Legislative Affairs, University Finance, the Office of the Provost, the Office of the President, and the Board of Regents



RELEVANT PRESENTATIONS AND OUTPUTS

2023

● **How the University of Colorado Boulder is Delivering Data as a Product**

La Collection Numérique

📍 France

- Co-Authored with Ben Croft and Todd Schaefer
- Invited white paper for open source French journal

2023

● **Data Science Hangout: Using Data to Influence Institutional Decisions**

Posit PBC

📍 Virtual

2020

● **Open Source NCES + CEEB Code Crosswalk**

GitHub

📍 Boulder, CO

- Led team that built an open-source, freely-available data set to connect College Board and National Center for Education Statistics data sets
- Utilized existing data sources and then filled in gaps by crowdsourcing in Amazon Mechanical Turk
- Co-created with Petter Shaffery, Ulises Guzman Sol, Danielle Lyles, and Seth Spielman



EDUCATION

2014
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2009

● **Ph.D., Educational Policy and Administration**

The University of Minnesota - Twin Cities

📍 Minneapolis, MN

2006
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2004

● **M.Ed., Higher Education Administration**

Vanderbilt University

📍 Nashville, TN

2002
|
1998

● **B.A., English**

The University of Kansas

📍 Lawrence, KS