

Morgan Mueller

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Product Leader with experience designing data-driven platforms in healthcare focused environments. Specialized in interdisciplinary collaboration and translating complex stakeholder needs into user-centered solutions.

EDUCATION

NYU, Tisch School of the Arts

M.S | Sep 2018 - May 2020
Human Computer Interaction

University of Portland

B.S. | Aug 2012 - May 2016
Electrical Engineering

SKILLS

Product & Data Tools

Figma

PowerBI

Tableau

Azure

Development

Javascript/Typescript (Node, React, Vega, D3)

Python (Numpy, Pandas, Selenium)

SQL

Innovation and Product

Design Thinking

Human Centered Design

Product Strategy

Prototyping

SELECTED PROJECTS

HealthyNYC & Vital Statistics Data Pages

Product lead on NYC Health Dept. flagship public health dashboards, including provisional birth/death data and city health outcomes by race/ethnicity, used by policymakers, media, and researchers citywide.

COVID-19 Vaccination & NYC Asylum Seeker Data Platform

Built Tableau and Power BI dashboards for leadership to track campaign progress and service delivery in real time.

Respiratory Illness Data Tracker

Unified multiple intradepartmental datasets, deployed interactive data platforms in React, reaching 50K+ monthly public users.

PROFESSIONAL EXPERIENCE

NYC Department of Health

Lead, Product Development & Engineering | June 2023 - Present

- Lead design and development of large-scale public health data platforms integrating cross-agency datasets into unified, analytics-ready systems.
- Partner with epidemiologists, analysts, and engineers to translate ambiguous questions into structured data models and actionable dashboards.
- Oversee development of Power BI, Tableau, and custom React-based dashboards to support real-time decision-making for leadership and public-facing reports.
- Establish best practices for structure, documentation, and cross-team collaboration to improve reliability and reuse of data assets.
- Present insights, performance metrics, and system outputs to senior leadership to inform operational and policy decisions.
- Lead end-to-end development lifecycle, from UX discovery and data modeling through deployment and iterative sprints.

Analytics Engineer | Mar 2021 - June 2023

- Partnered with cross-disciplinary teams (clinical, policy, analytics) to define key metrics and ensure consistency across internal data reporting systems.
- Designed and launched public-facing dashboards and internal tools supporting the early COVID-19 response. Including vaccination tracking, case surveillance, and health outcomes reporting.
- Translated complex data into accessible visualizations and narratives for internal leadership, policymakers, researchers, and the public.
- Collaborated with stakeholders to identify gaps in data systems and prototype solutions to improve accessibility and usability.

Parsons School of Design

Adjunct Professor | Jan 2021 - May 2025

- Taught data visualization and computational design, guiding students in applying interdisciplinary and human-centered approaches to real-world problems
- Mentored students in applying analytical and creative tools to build web-based projects that communicate insights effectively.