



Daniël Staal

Data Visualization Designer

I design and build interactive data products, maps and visual stories that make complex societal topics understandable and usable.

dmgstaal@gmail.com · LinkedIn · Amsterdam

EXPERIENCE

- 2019 — present

Lead Data Visualization Designer

Climate Adaptation Services

 - Lead a technical team and deliver ~20 interactive visualisations, dashboards and map tools used by municipalities, water boards and researchers across the Netherlands.
 - Design and build frontend data products end-to-end — from requirements translation with researchers and policymakers to UX, development and delivery.
 - Architect an open-source map viewer platform for the Climate Effect Atlas (~500 daily visitors), currently in development.
- 2018 — 2019

AI Intern — Real Estate Fraud Detection

City of Amsterdam & University of Amsterdam

Built a classification model to flag suspicious real estate transactions using municipal registry data.

EDUCATION

- 2016 — 2019

MSc Artificial Intelligence

University of Amsterdam
- 2011 — 2016

BSc Natural & Social Sciences

University of Amsterdam — Major in AI
+ Minor Physics · Minor Programming

AWARDS & PUBLICATIONS

- 2024

Climate Creatives Challenge

Award — The Environmental Design Studio, for Unseen Heat
- 2024

EGU General Assembly

Publication — "Unseen Heat: a visual climate story"

SKILLS

- FRONTEND
- SvelteKitReactD3.jsNode.js
- DATA & GIS
- PythonPostgreSQLSupabaseGIS / GeospatialMapLibre
- DESIGN & UX
- Dashboard & UX designCartographyData storytellingIllustrator
- WORKFLOW
- REST APIsGit/GitHubCI/CD
- LANGUAGES
- Dutch (native)English (C1)French (intermediate)German (intermediate)

SELECTED PROJECTS

2025	Open Source Climate Atlas Open-source configurable map viewer for the Climate Effect Atlas (in development). Interactive maps with layer management, scenario switching and PDF export. SvelteKit, MapLibre, Supabase, GeoServer
2024	Climate Neighbourhood Dashboard Interactive map dashboard for the Climate Effect Atlas. Explores heat, flooding, drought and green coverage at neighbourhood level. SvelteKit, D3.js, MapLibre, GIS
2024	Unseen Heat Award-winning scrollytelling experience on extreme heat scenarios through 2050, with data visualisations and audio narration. SvelteKit, D3.js, Scrollytelling, Audio
2023	Drought Chain Visualisation Circular interactive diagram mapping the full drought chain — from meteorological triggers to effects on water, soil and economic sectors. D3.js, React, Bézier curves
2026	Pontkomt Realtime ferry departure app for Amsterdam's IJ ferries. Published on iOS and Android. SvelteKit, Capacitor, REST API, GTFS