

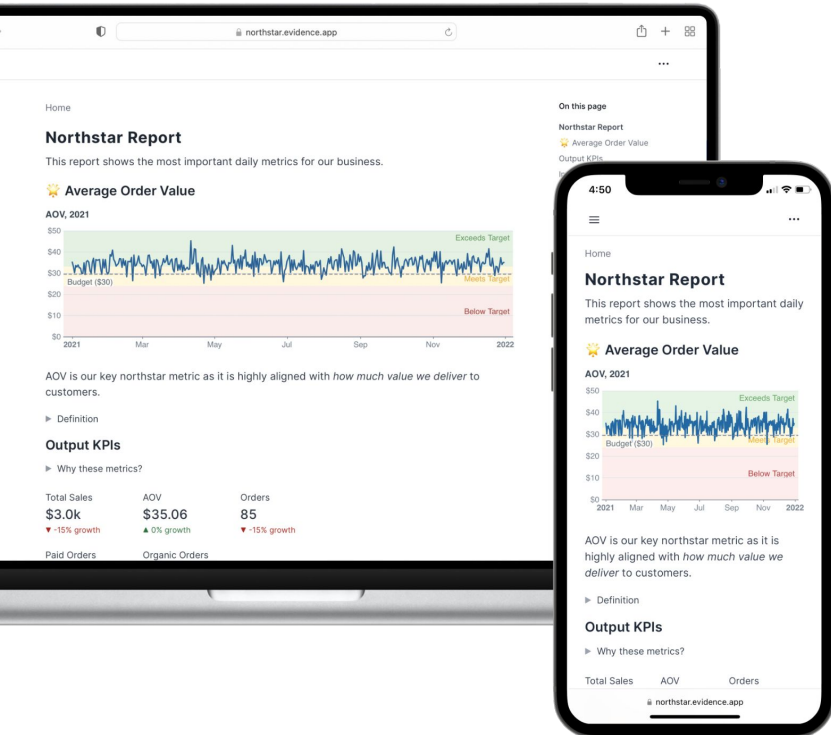
evidence

Open Source Project Overview

evidence.dev

github.com/evidence-dev/evidence

What is Evidence?



Toolkit for building production quality data products with just SQL and markdown.

Things like:

- Reports / dashboards
- Decision-support tools
- Embedded analytics

Solving our own frustration with reporting tools

Our experience with reporting tools:

- **Difficult to maintain** - lack of version control & testing
- **Difficult to build what you want** - end up having to hack the tool or pull the data out
- **Slow** - lots of round trips to the data warehouse

Didn't quite work for business users, and didn't quite work for analysts → **can't use the same UI/workflow for both teams**

Our guiding principles

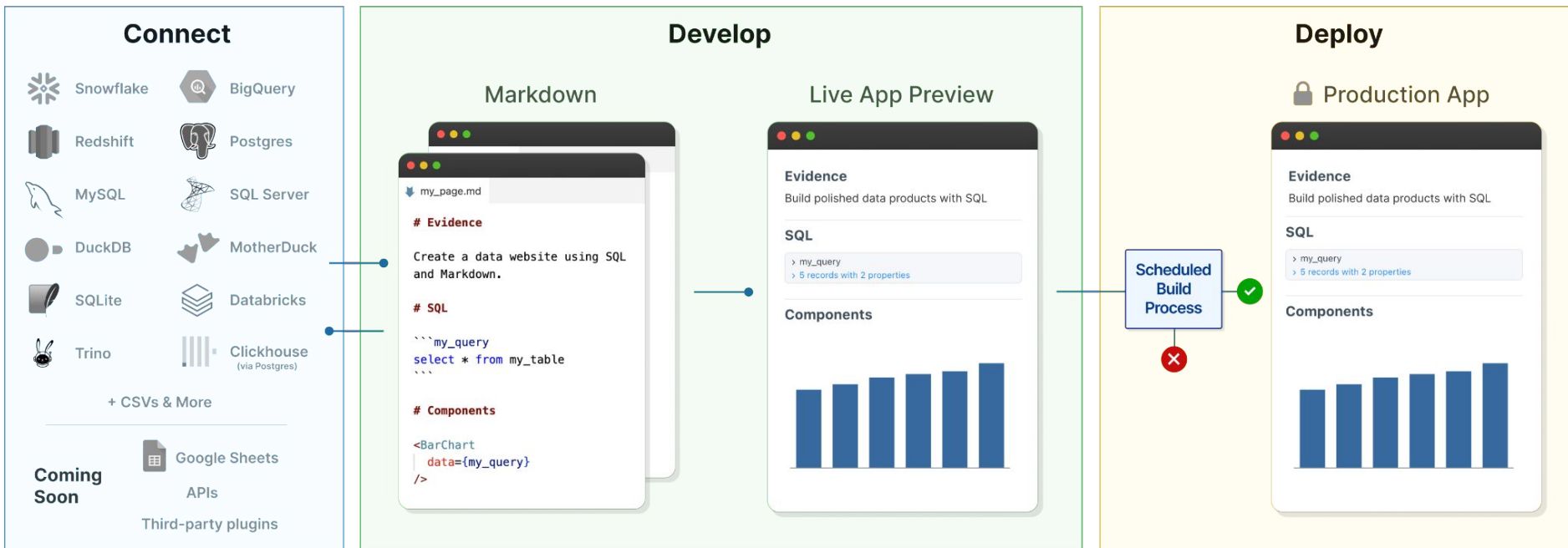
Better developer experience

- 1 A code-driven workflow is the highest leverage way for data teams to work
- 2 Reporting should be treated like production software

Better user experience

- 3 The user experience should feel more like reading the New York Times than using today's BI tools
- 4 Fast performance is non-negotiable

How Evidence works



Demo

What we've heard from the community

This is Great

SQL Focused

Narrative &
Text

Very Fast

Easy to Deploy

But we also want...

Multiple Data
Sources

Templated SQL for
filters and inputs

Interactive
Components

Non-SQL Data
Sources

Larger Data Sets

Upcoming Release: Universal SQL

Multiple Data Sources

- Connect multiple sources and query across them using DuckDB SQL syntax
- Includes non-SQL sources like Google Sheets and CSVs

Evidence Query Engine

- DuckDB WebAssembly
- Sub-second interactivity on millions of records in the browser

Interactive Inputs & Filters

- Input and filter components built from your data
- Parameterized/templated queries

Next Year: Pivot Tables & SQL Console

Our aspirations as an open source project

Learning from software engineering: bring your tools with you

Help extend the effect dbt has had into the front-end of the data stack, and support analysts in learning these skills

Build a community where techniques, code, plugins, and extensions can proliferate beyond what a company could build on its own

Our aspirations as an open source project

Work with, and contribute to, great open source projects

Some of the technology we rely on



SVELTEKIT



DuckDB



tailwindcss



ECHARTS

Thanks!

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To watch the recorded Universal SQL
webinar, check out:
evidence.dev/universal-sql

evidence.dev
@evidence_dev
github.com/evidence-dev/evidence

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