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The Data Team Productivity Crisis

Manual, Repetitive Work Dominates Daily Tasks

Data teams across organisations are drowning in low-value, repetitive work that consumes the majority of their time and energy.

- Writing **boilerplate SQL** queries for routine data requests
- Manually **cleaning messy datasets** with inconsistent formats
- Creating **dashboards** from scratch for similar business questions
- Performing quality checks on **data pipelines manually**

This manual workflow creates a cascading effect: decision-making slows to a crawl, business teams wait days or weeks for critical insights, and skilled data professionals become glorified data janitors instead of strategic analysts.

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AI-Powered Data Analytics: Transforming How We Work With Data

Current Reality

Data professionals spend up to 80% of their time on mundane tasks: cleaning datasets, writing repetitive queries, formatting reports, and manually validating results. This leaves precious little time for the strategic analysis that drives business value.

The irony is stark—in an era where we have more powerful analytical tools than ever before, our most skilled practitioners remain bogged down in operational drudgery rather than breakthrough insights.

How can we transform the workflow

> The Human-Machine Partnership Revolution

> Automation: The Key to Transformation

> The Transformation Timeline

AI-Assisted Workflow

> Data Quality Revolution

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The Solution

Human-machine partnership where AI handles repetitive tasks whilst humans focus on strategic insights and decision-making.

CORE CAPABILITIES

Natural Language to Code
Automatically generates SQL or Python scripts from conversational questions. Simply ask "Show me last quarter's sales by region" and receive production-ready code.

Data Quality Automation
Intelligently detects and suggests fixes for common data issues including missing values, schema mismatches, and data type inconsistencies.

Automated Insights
Summarises complex datasets in plain English and suggests relevant KPIs, trends, and anomalies without manual analysis.

Quick Visualisations
Auto-builds professional dashboards and charts from raw datasets with a single command, complete with appropriate formatting and styling.

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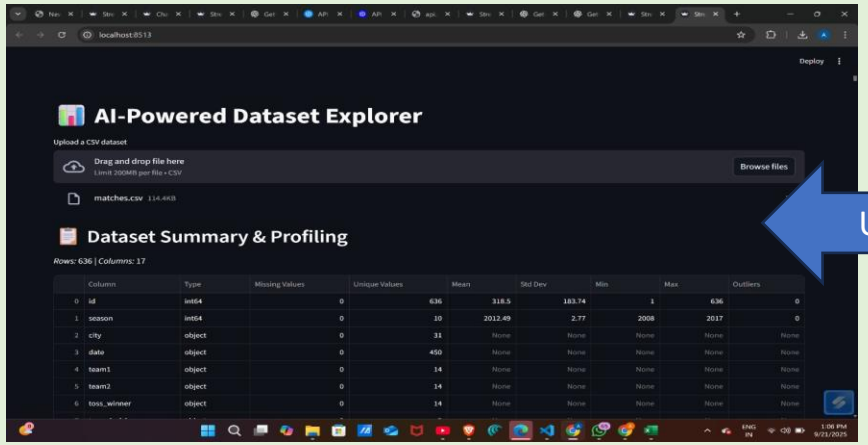
Live Demonstration

See DataQuery in Action :

We'll demonstrate our functional web application built with the DataQuery AI engine, showcasing real-world workflows that data teams use daily.



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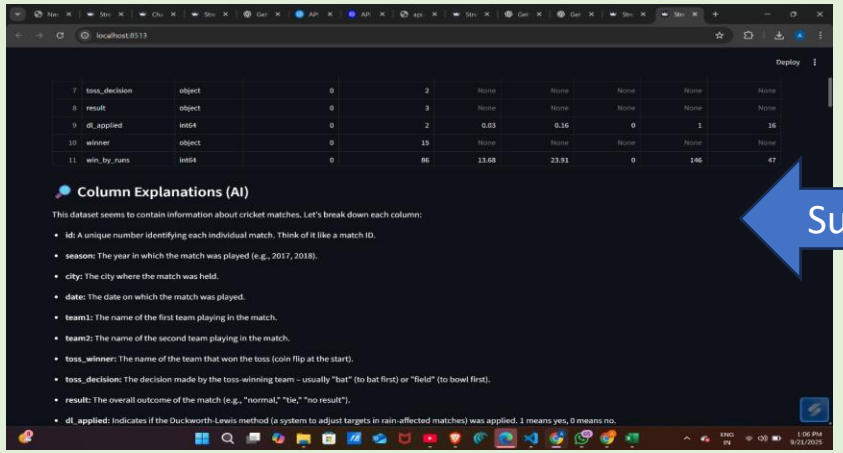
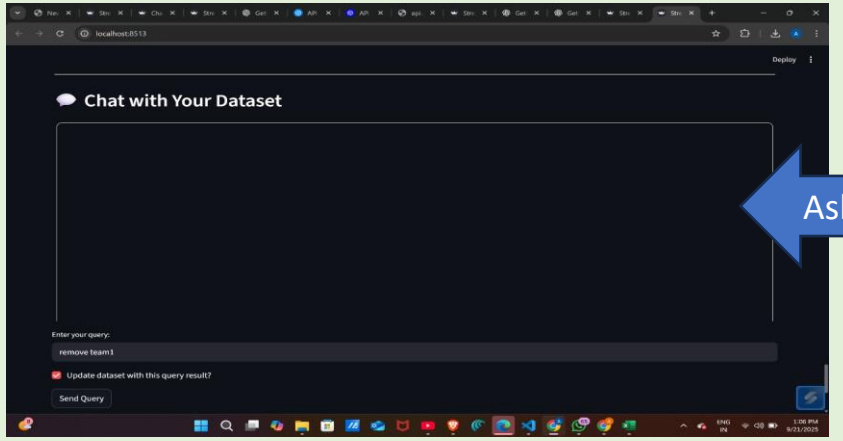


Summary

Visualisation



Ask Query?