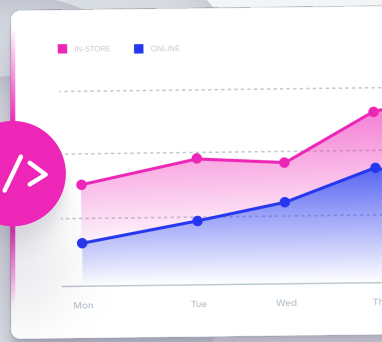


Analytics as Code: What, Why, How?



If you're not an analytics engineer, the term "Analytics as Code" can seem daunting, but it really needn't be. Put simply, analytics traditionally relies on a mix of coding and clicking objects in graphical interfaces to create and manage dashboards. Whereas **with Analytics as Code (AaC), code becomes the primary means of defining, manipulating, and automating analytics processes.**

Why is AaC so important?

AaC allows your team to manage analytics like any other software development project, applying well-established software engineering practices, like CI/CD and version control, to data analytics workflows. This means **building analytics solutions becomes faster, more scalable, and highly productive.**

How can you benefit from AaC?

A good analytics platform lets your team manage everything as code, while non-technical end users can continue to interact via a no-code UI. GoodData achieves this through a user-friendly drag-and-drop interface alongside a suite of [code-based tools](#): a declarative API, Python SDK, and VS Code extension. This delivers multiple benefits, including:

Automation:

Automating solutions defined 'as code' simplifies deployment and quality control, and allows for test automation.

Collaboration:

Collaborative coding platforms like GitHub or GitLab enable seamless teamwork through features like Pull Requests and Code Reviews.

Governance:

Every iteration of a solution is securely stored and revertible. Each change comes with detailed notes, providing a comprehensive audit trail.

For more on Analytics as Code, check out some of our related resources below, [reach out with any questions](#), and look out for our Jupyter Notebook integration landing soon.



[Ask an Expert:
Analytics as Code](#)



[What Is Analytics
as Code?](#)

About GoodData

GoodData is [the leading cloud-based data and analytics platform](#), bringing AI-fueled data-driven decision-making to organizations across the globe. Over 140,000 of the world's top businesses and 3.2 million users rely on GoodData to drive meaningful change and achieve more through data. With a platform that leverages the potential of automation and AI, GoodData empowers its customers to make data analytics available to every single end user via real-time, self-service data insights right at the point of work. Head [here](#) to discover why developers love our analytics-as-code approach.