GoodData

What Is Analytics as Code?

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 allows your team to manage everything as code, while non-technical end-users can continue to interact with the platform with a drag-and-drop UI approach. GoodData achieves this through a user-friendly drag-and-drop interface and the VS Code plugin. 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.