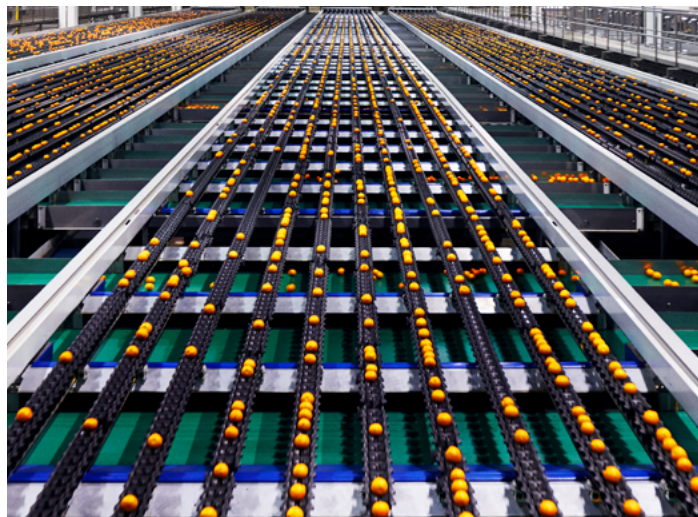


IBM AI Governance

Automate governance to provide trustworthy, explainable AI

Artificial intelligence has progressed past the era of experimentation. Today, AI presents an enormous opportunity to turn data into insights and actions. It can amplify human capabilities, decrease risk, and increase ROI by achieving breakthrough innovations.

Customers, employees, and shareholders expect organizations to use AI responsibly, and government entities are demanding it. Adopting and scaling AI responsibly is a growing challenge especially for global entities, governed by diverse requirements, and highly regulated industries such as financial services, healthcare, and telecom. Failure to do so can lead to loss of reputation, regulatory audits, fines and the risk of lost revenues.



What is AI governance and how does it help to build transparent, explainable, trusted AI?

Many organizations today struggle when adopting AI. Challenges include the inability to access the right data, manual processes that introduce risk and make it hard to scale, multiple unsupported tools for building and deploying models, and platforms and practices that are not optimized for AI. Establishing model governance is crucial to successful AI.

AI governance is an overarching legal framework that uses a set of automated processes, methodologies, and tools to manage an organization's use of AI. Consistent principles guiding the design, development, deployment, and monitoring of models are critical in driving responsible/trustworthy AI. These principles include:

Know your model

Model transparency starts with the automatic capture of all the information on how the model was developed and deployed. This includes capturing of the metadata, tracking provenance, and documenting the lifecycle. Explainable results are critical in building public confidence, promoting safer practices and facilitating AI adoption.

Trust your model

Define enterprise policies, standards and roles. Automatically enforce them to improve compliance and validate models now and over time for retraining and reliability.

Use and explain your model

Analyze model performance against KPIs while continuously monitoring in real time for bias, fairness, and accuracy. Share models and documentation across the enterprise, providing backup for analytic decisions.

IBM AI Governance solution—driving transparent, explainable and trusted AI

AI governance is the responsibility of every organization to adhere to ethical, explainable AI, respecting individual rights, privacy, and non-discrimination. Responsible AI requires upfront planning, automated systems and above all, governance to drive fair, accurate, transparent, explainable results that provide privacy and protection.

IBM AI Governance is a new one-stop solution built on IBM Cloud Pak for Data and designed to meet regulatory requirements through software automation without excessive costs of switching from your current data science platform. Everything needed to develop a consistent transparent model management process is included; the ability to capture of model development time, metadata, post-deployment model monitoring, and to customize workflows.

Enterprise capabilities of IBM AI Governance:



Automates the capture of model metadata across the AI/ML lifecycle so data science teams can focus on other tasks rather than model documentation. Data science leaders and model validators always have an accurate, up to date view of their models.



Enables the businesses to operate and automate AI at scale with transparent, explainable outcomes that are free from harmful bias and drift. Increases accuracy of predictions by identifying how AI is used and where it is lagging.



Uses model risk management to identify, manage, monitor, and report on risk and compliance initiatives at scale. Dynamic dashboards provide clear, concise customizable results that enable a robust set of workflows, enhanced collaboration and drives AI regulatory compliance across multiple regions and geographies.

[Learn more about how IBM is driving responsible AI workflows](#)

[Try IBM AI Governance for free](#)

[IBM Expert Labs team](#) can work with you across all stages of the AI lifecycle to help deliver trustworthy AI solutions at scale and speed.