

Upskilling in data science

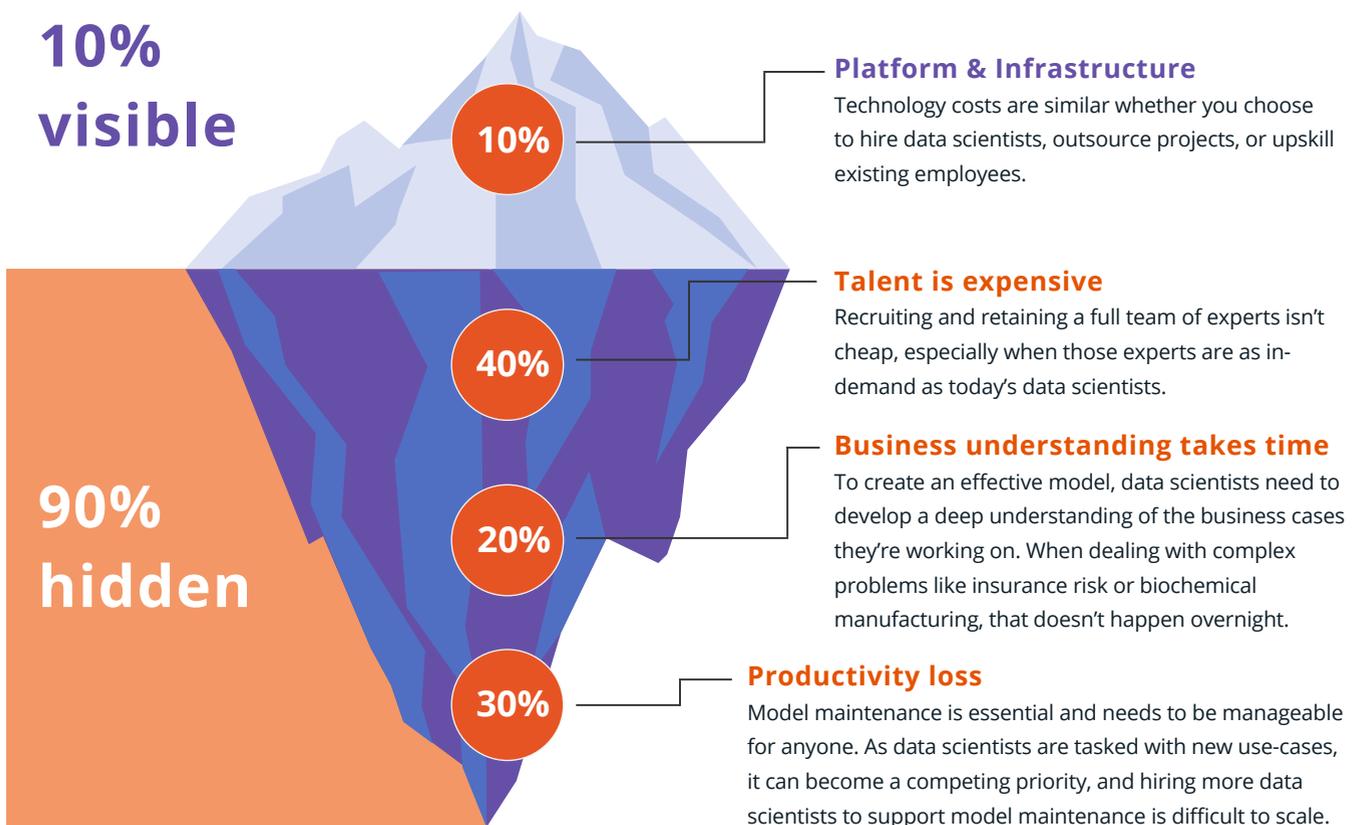
Whether you're new to machine learning, an experienced coder, or somewhere in between, RapidMiner helps you develop your skills so you can effectively gather insight from data and use it to positively shape the future.

By now, the secret is out that hiring a team of data scientists and isolating them from the rest of your business isn't the path to impactful insight. Successful projects rely on the involvement of business experts, buy-in from executives, and crucially, the ability for all stakeholders to build their data science knowledge over time—regardless of their initial skill level.

Case in point: if you've never created a model before, you're likely just looking for guidance on where to start and what steps to take. If you're a seasoned data scientist working on a complex use-case, you may want to see how others have handled similar challenges in the past so you can get to value faster.

While bringing in data science experts is necessary for long-term success, you're bound to incur some unintended hidden costs if you neglect upskilling and treat hiring as your only strategy—here are some forms those costs often take.

The hidden costs of hiring



How does RapidMiner upskill users?

In-product guidance

By providing immersive experiences for all skill levels, facilitating collaboration between stakeholders, and helping to quantify business impact, RapidMiner supports you through every step of model creation and teaches you how to make the case for deployment when the time comes.

Data science consulting

Tailored onboarding based on role and experience level, use-case prioritization, and post-production assistance all provide support across the AI lifecycle while removing common obstacles on the path from data to insight.

Self-paced learning

RapidMiner Academy meets users where they are and helps them build their data science knowledge by covering everything from basic concepts and applications to advanced platform deployment principles.

RapidMiner's fine-grained upskilling path

	Novice	Experienced	Expert
IN-PRODUCT	<p>Simplified data prep: Guidance on how to get data ready for advanced analytics</p> <p>Model simulator: Test models and understand how they make predictions</p> <p>Explainable model steps: Document each step of model creation for full transparency</p>	<p>Wisdom of Crowds: Peer-sourced recommendations at each modeling step</p> <p>Visualization & exploration: Learn how data shape and cleanliness impact models</p> <p>One-click cross validation: Test models' true performance and avoid training errors</p>	<p>Integrated coding notebook: Experiment with Python and its open-source libraries</p> <p>Collaboration: Work with business experts to gain more context on problems</p> <p>Governance: Access full data lineage to document and audit each project step</p>
SERVICES	<p>Persona-based onboarding: Receive tailored guidance based on your role</p> <p>Use-case validation: Plan how you'll address pressing challenges with Data Science</p> <p>ROI Hypothesis: Estimate the business impact of your DS projects</p>	<p>Documented ROI/Impact: Analyze the financial impact of deployed models</p> <p>Use-case prioritization: Use results to prioritize similar high-impact challenges</p> <p>Best practice adoption: Apply tried & true methods to additional models</p>	<p>Model training & validation: Ensure models are ready to perform in the real world</p> <p>Deployment assistance: Work with our team of experts to operationalize models</p> <p>Post-production support: Monitor performance and make improvements</p>
RM ACADEMY	<p>Applications & Use-Cases Pro: Learn the common business problems that can be solved with Data Science</p> <p>Data Engineering Pro: Learn how to transform data into a usable format</p>	<p>After you've built the foundation for understanding both RapidMiner's software <i>and</i> important data science concepts...</p> <p>Machine Learning Professional: Gain a deeper understanding of common algorithms & model selection techniques</p>	<p>Applications and Use-Cases Master: Hone skills related to deployment & model management</p> <p>Data Science Master: Build a nuanced understanding of advanced machine learning topics</p>

RapidMiner: Customers' Choice for DSML Platforms 3x in a row

"This tool provides empowerment to our business users in data and analytics challenges... the functionality makes our end users much closer to a Data Scientist Citizen role."

- Digital Theme Leader in the Energy and Utilities Industry

