Why AutoAI with decision optimization?

Automate, predict and optimize on a multicloud data and AI platform

Benefits of combining AutoAI and Decision Optimization

1
RESULTS
Harness the combined power of AI, predictions and and prescriptive analytics

2
SPEED
Accelerate time to value with automated AI and decision intelligence.

3
EFFICIENCY
Unify predictive and prescriptive models without having to integrate disparate tools

4
SCALE
Build, run and manage AI models for simplifying decisions with high resiliency

5
PRECISION
Get it right the first time and eliminate costly mistakes

200% **increase** in model performance

Minutes to gain new insights, not days and weeks

10x **jump** in AI training productivity

Millions of **customer sales** channels optimized

99.5% tasks in warehouses **error-free**

AutoAI:

- Automatically prepare data and apply and build model pipelines best suited for your data and use cases.

- Rapidly start with data science and AI experimentation, evaluation and deployment—no coding or lengthy training required.

- Empower everyone to build and scale AI with automated, visual and open-source data science.

- Promote consistency and repeatability of end-to-end AI lifecycle management while reducing implementation costs.

- Enable powerful visualization of relationships, feature importance and algorithms used.

Decision Optimization:

- Get started with resource plans, scheduling and supply and demand allocations.

- A natural language interface to define model goals and constraints with no coding required.

- Combine powerful mathematical programming with constraint programming open source tools and APIs like Python.

- Support what-if analysis tools to quickly evaluate millions of scenarios.

- Gain massive returns on investment quickly when used in conjunction with industry accelerators.

Trade up and save with Watson Studio Premium Modernization Upgrade

Existing clients of IBM SPSS Modeler and IBM Decision Optimization / CPLEX now have a cost-effective way to benefit from Cloud Pak for Data platform synergies while modernizing at their own pace - all with a heavy discount.
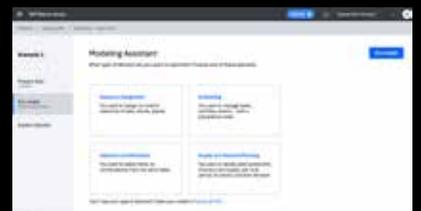
Find out how by watching this 20-minute webinar →

Watson AI Lifecycle and Applications

Cloud Pak for Data
Pre-integrated Data, AI and Cloud services delivered within an open and extensible cloud native platform

Collect Data   Organize Data   Analyze & AI   Infuse AI

Red Hat OpenShift

IBM Cloud   aws   Azure   Google Cloud

Hyperconverged Private Cloud Systems and AI Accelerated Infrastructures

Auto AI

Cloud Pak for Data

AutoAI is available as part of the base for Cloud Pak for Data.

+

Decision Optimization

Watson Studio Premium

IBM Watson Studio Premium for IBM Cloud Pak for Data consists of IBM Decision Optimization, IBM SPSS Modeler and Hadoop Execution Engine.
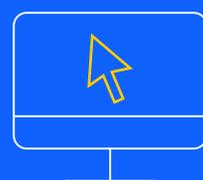
Learn:

Get the AutoAI overview →

Explore IBM Watson Studio Premium →

Review ESG Technology Validation →

Try AutoAI and Decision Optimization product tour →

Talk to an AI expert for free →

Get started with AI development for free →