IBM Decision Optimization Center

Build Scalable Optimization Solutions Quickly and Deploy Anywhere Efficiently

Decision Optimization Center 4.0 enables business leaders to make reliable business decisions at speed and scale by combining data, analytics, and cutting-edge optimization technology.

Key benefits

Faster optimization solutions:

Users can build, deploy and run complete decision-support applications in less than an hour once optimization model is ready.

Scenario analysis:

Design multiple what-if scenarios, compare results of alternate scenarios and make decisions by combining the machine-recommended optimal solutions with human expertise.

Foster Collaboration:

with business and technical users: Facilitates continuous feedback from business users during the development process for faster time to value, as well as allowing to share plans in deployment.

Flexible deployment:

DOC 4.0 is compatible with the OpenShift Kubernetes Distribution. This containerized architecture enables application deployment on the cloud or on-premise.

Data management:

Centrally manage data coming from internal and external sources. Map enterprise databases into application data tables with ease.

Configurable Web UI:

Create modern, intuitive and easy-to-use user experience through pre-defined web components, built-in visualization features like sophisticated charts and graphs.

IBM® Decision Optimization Center (DOC) reduces the effort, time and risk associated with creating, deploying and maintaining tailored decision support applications

Create:
build and run complete applications in minutes.

Test:
easily test project architectural choices.

Configure:
coding limited to the strict minimum.

Package & Deliver:
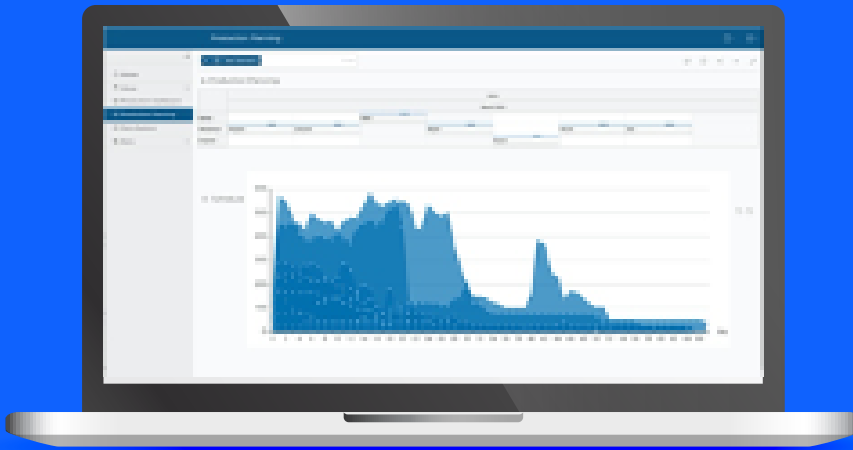hassle free with industry standards on any form of delivery (on-prem or any cloud).

Customize:
open-source standards– Java, Open Shift.

Maintain:
thorough monitoring and issue tracking.

Learn more about Decision Optimization Center
https://www.ibm.com/marketplace/ibm-decision-optimization-center

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IBM Decision Optimization Center delivers significant benefits to all stakeholders

With a minimal footprint it brings together the following:

- Data Management
- What-if analysis capabilities
- Modern and intuitive configurable Web UI
- High performance optimization solvers
- Easy deployment on-prem or in the cloud
- Java, OPL and Python compatibility

Optimization experts
- Focus on modeling competencies, rather than on IT complexities
- Quickly build and test effective optimization models
- Leverage powerful optimization solvers such as CPLEX optimizer for quick results

Development teams
- Slash development time, cost, and risk
- Rapidly configure data connections and visualizations
- Collaborate with different personas using common framework

IT and Deployment teams
- Scalable and flexible enterprise deployment - applications can run on local, cloud and on premise
- Leverage common architecture and components across multiple applications
- Monitor KPIs for deployed applications, fail-over and replay execution capabilities

Business users
- Drive greater business ROI by accelerating decision-making at scale
- Manage risks and compare alternative scenarios for improved outcomes
- Modern, intuitive, and easy to-use UI components

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