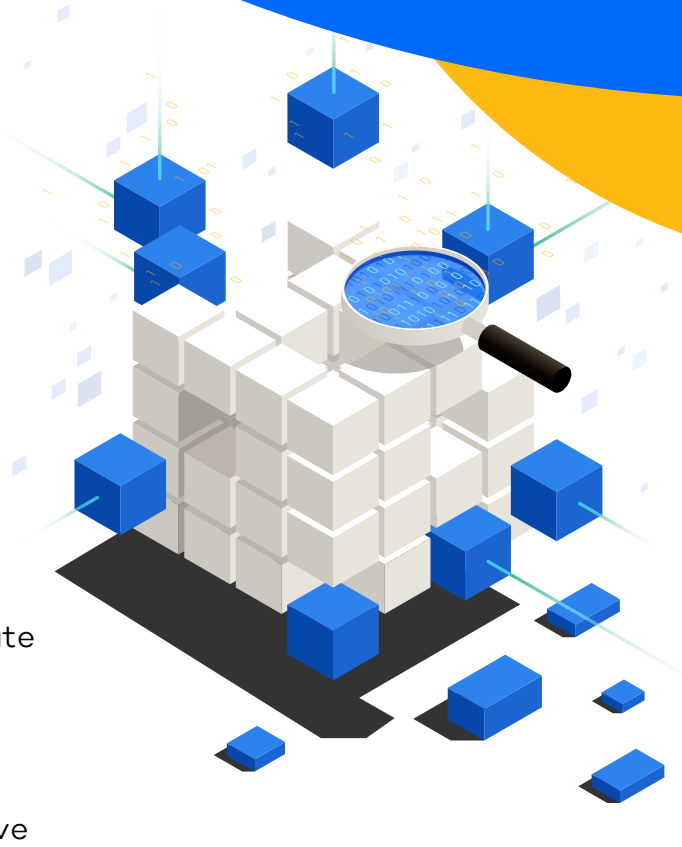


Five Data Science Solutions You Need To Accelerate The Data-to-Outcome Process



Process Mining is crucial for ensuring you innovate your business right. To speed up innovation and ensure you achieve your transformation goals, you need to optimize Process Mining or the data-to-outcome process using a comprehensive suite of Data Science solutions.

Here are five Data Science Solutions you need to accelerate Process Mining and innovation:



1 Data Ingestion, Migration, and Validation

Advanced Process Mining techniques require large amounts of data.

- ✓ Easily capture and validate petabytes to terabytes of data of different velocities and varieties.
- ✓ Automate and standardize data ingestion, migration, and validation.
- ✓ Harness sufficient amounts of data and eliminate errors that can influence outcomes.

2 Operational Data Lake

Data scientists need constant access to the latest development in operations, and it is only possible if they can query data anytime.

- ✓ Query and process data in an automated fashion.
- ✓ Ensure data integrity and security are intact as data moves in and out of databases.
- ✓ Store and process both relational and non-relational data for more comprehensive results.
- ✓ Understand what data is in the storage, data marts, or warehouses through electronic cataloging and indexing of data.



3 Real-Time Processing And Analytics

It is crucial to find the right balance between speed and accuracy.

- ✓ Streamline insights generation.
- ✓ Automate management and monitoring of patterns, trends, and anomalies.
- ✓ Optimize prediction, recommendations, and explorations.
- ✓ Constantly adapt to changes as they happen.

4 BI/DW, ML Modeling, and Business Intelligence Hybrids

Smarter Process Mining requires more intelligent BI capabilities.

- ✓ Enable Intelligent Automation, which, unlike traditional automation, consumes real-time or stream data to learn new patterns and trends.
- ✓ Automate processes such as data modeling and focus on more crucial activities and/or tasks that require a higher level of human intelligence.
- ✓ Enable AI and human intelligence to work harmoniously together using a BI hybrid platform.



5 Data Visualization & Discovery

To speed up innovation, you need to accelerate decision-making by making data analytics results understandable to all stakeholders.

- ✓ Make it easier for decision-makers to understand what data says about their current processes.
- ✓ Use visual graphics and turn insights into stories to help decision-makers see the full context and pinpoint the right innovation strategy to use.
- ✓ Graphically present root causes and what-if scenarios in a way that even business or non-technical users can understand.

Innovation is key to success, but it can also be a source of frustration among businesses. But armed with cutting-edge Data Science solutions, you can remove the bottlenecks to Process Mining, streamline the entire data-to-outcome process, and ensure you achieve all your innovation goals.



About dotSolved®

dotSolved, headquartered in Silicon Valley USA, is a leading global provider of business process automation, modern application engineering, and cloud infrastructure services. dotSolved focuses on enabling digital transformations for small, medium, and large enterprises in HiTech, BioTech, CleanTech, Energy, eCommerce, Retail, and Insurance industries.

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