

# Statistica Data Miner

Easy-to-use predictive analytics with built-in data scientist expertise

With the ever increasing volumes of data available today, organizations struggle to make sense of it all. Too many projects, hard deadlines and a shortage of highly skilled analysts often leave organizations wondering when they'll benefit from the big data deluge.

Statistica Data Miner provides your business analysts, engineers, scientists, statisticians, data scientists and Ph.D.s with an intuitive statistics, data mining & predictive analytics software solution that enables them to make the most of your big data. Statistica Data Miner offers one of the most complete and comprehensive set of data management and analytics packages

in the industry — plus built-simplicity. With over 16,000 functions all accessed from one common user interface, it consistently ranks as one of the easiest to use platforms on the market.

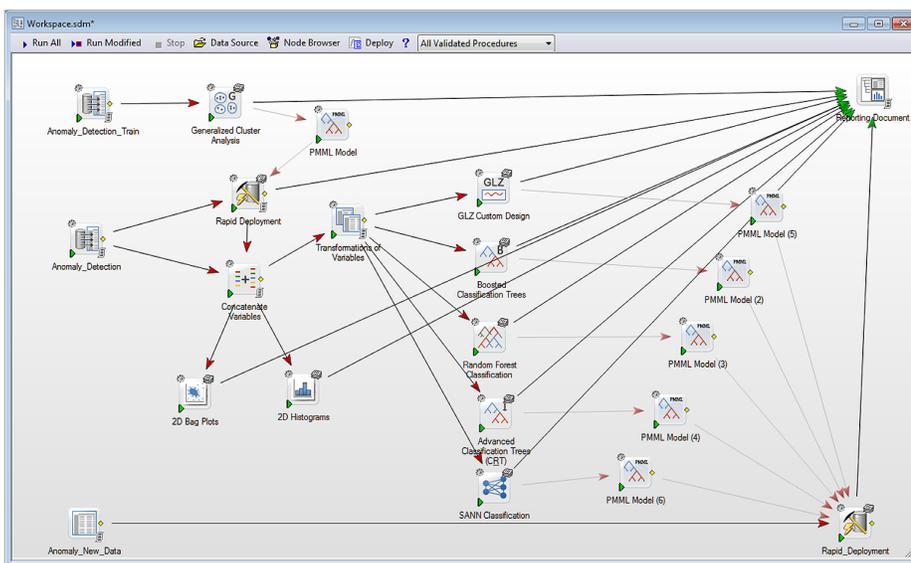
Streamline and automate the data mining process with data mining recipes, customizable templates and rapid deployment. Statistica Data Miner is an open, flexible and extensible software solution that uses industry-standard interfaces and scripting languages. Discover hidden patterns and complex relationships within your data — understand what happened and why it happened, predict the future and optimize for the best possible outcomes.

"The functionality of the Statistica solution goes far beyond pure analytics. The simple connection of Statistica to the existing architecture and the ease of maintenance are significant success factors for EOS."

*Stefan Theuerkauf*  
 Director of Handling Control  
 EOS Deutschland

#### Benefits:

- Easy to use, with data mining recipes and customizable templates
- Comprehensive yet simple, with a large set of integrated analytics from one UI
- Open, flexible and customizable
- Cost-effective to adopt, integrate and own



Data Miner provides clear insight into your critical processes for instant ROI.

## System requirements

Compatible with Windows® XP, Windows Server® 2003 and 2008, Windows Vista® and Windows 7 and 8.

### Client requirements

Windows XP (Windows 7 or above recommended)

512 MB RAM (1 GB recommended)

500 MHz processor (2.0 GHz, 64-Bit, dual core recommended)

### Server requirements

Windows Server 2008 R2 or later

2 GB RAM (8 GB recommended)

1.0 GHz processor (2.0 GHz, 64-Bit, dual core recommended)

2.5 GB disk space

100 Mb/s or faster network bandwidth

For complete system requirements, please visit [statsoft.com/Products/Licensing-Options/System-Requirements](http://statsoft.com/Products/Licensing-Options/System-Requirements).

## Features

- **Automate the data mining process** — Data mining recipes and customizable templates deliver built-in data scientist expertise that empowers novices and experts alike, and a code-free option runs data mining workflows in one click.
- **Discover hidden patterns and relationships in your data** — Data Miner includes a comprehensive set of data management, graphical and analytical techniques, all accessed through a common user interface. These include automated neural networks, linear & non-linear models, multivariate exploratory techniques, decision trees and random tree forests, power analysis, forecasting, multivariate statistical process control,, design of experiments, text mining and many more.
- **Manage your models and score the results** — Data Miner has built-in deployment, management and monitoring of predictive models. It delivers both real-time and batch scoring using a scalable web services framework.
- **Access the data you need** — Connectors support flat files, relational databases (including Oracle, DB2, MySQL and Teradata), SAP, Hadoop and special-purpose databases (OSI PI), as well as systems like laboratory information systems (LIMSs) and manufacturing execution systems (MESs).
- **Combine disparate data with ETL** — Data Miner's advanced extract, transform and load (ETL) capabilities enable you to easily combine disparate data sources. For example, you can aggregate, align and replicate time-stamped data used for continuous process monitoring, or stack, unstack and normalize batch-time data in pharmaceutical or chemical manufacturing.
- **Deploy models quickly** — Integrated model management, business rules and flexible deployment options enable you to deploy models faster without any programming. You can deploy with XML/PMML, C, C++, C#, SAS and others.
- **Get output and reports in your preferred format** — Choose Microsoft (MS) Word, MS Excel, PDF or HTML output. Use real-time dashboards or copy and paste results, including tables and graphs, between your MS Office documents.
- **Analyze big data on commodity hardware** — With support for Hadoop, multi-threaded procedures and multi-core CPUs, Data Miner delivers high-performance analytics on commodity hardware.
- **Integrate easily** — Data Miner's customizable, open platform easily integrates into your existing infrastructure and avoids vendor lock by using industry-standard interfaces, scripting languages and data file formats. COM-compliant programming languages, such as C#, C++, Java and VB.NET, can call Statistica objects.
- **Use R scripting** — Industry-standard scripting languages, including R and Visual Basic, can be used for configuration and customization.
- **Achieve regulatory compliance** — Validated reporting (21 CFR Part 11 compliance), process analytical technology (PAT), quality control charting, process monitoring and automated dashboards make compliance easier than you ever thought possible.

## About Dell Software

Dell Software helps customers unlock greater potential through the power of technology—delivering scalable, affordable and simple-to-use solutions that simplify IT and mitigate risk. This software, when combined with Dell hardware and services, drives unmatched efficiency and productivity to accelerate business results. [www.dellsoftware.com](http://www.dellsoftware.com).

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