SV Analytica Standard Edition

Get the analytical power you need for better decision making

SV Analytica Statistics

What is SV Analytica Statistics?

It's a pre-packaged service offering that empowers the end users of IBM SPSS Tools (namely; Statistics, Modeler, and CADS) with a wide range of online and on-prem capabilities.
This will help all clients to master the IBM analytical tools, thus boost their ROI and business outcomes. It exclusively grants the customers an access to audio-video tutorials and documentary materials through Smart Vision Portal. These online materials allow the end users to easily install, activate and quickly troubleshoot their IBM tools, as these tutorials are carefully designed o provide different training levels to both beginners& professionals to perfectly use the embedded IBM technologies.

SV Analytica Statistics comes in three editions:

→ Standard

Essential analytical tools for the most common projects

→ Professional

A comprehensive set of features and tools to address the challenges of the entire analytic lifecycle

→ Premium

Designed for enterprise businesses with extensive needs across all advanced analytics efforts

Why use SV Analytica Statistics?

SV Analytica Statistics is the world's leading statistical software., It enables you to more quickly dig deeper into your data, making it a much more effective tool than spreadsheets, databases or standard multi-dimensional tools for analysts.
SV Analytica Statistics excels at making sense of complex patterns and associations – enabling end users to draw conclusions and make predictions.
And it's fast – handling tasks like data manipulation and statistical procedures in a third the time of many non statistical programs.

SV Analytica Standard Capabilities:

SV Analytica Statistics Standard is used in a number of fields to address fundamental business and research questions.
With SV Analytica Statistics Standard, you can get a quick look at your data, formulate hypotheses for additional testing and then carry out a number of procedures to help clarify relationships between variables, create clusters, identify trends and make predictions.

Whether you are a statistician or other analytics professional or have to analyze data as part of your business responsibilities, SV Analytica Statistics Standard offers the essential statistical procedures you need to increase the reliability of your analysis, so you reach more dependable conclusions.

If you need an analytical package that combines the most common statistical procedures and functions that most analysts use on a day-to-day basis, Choose SV Analytica Statistics Standard..

Features & Modules

Advanced Statistics

It features a variety of regression and advanced statistical procedures designed to fit the inherent characteristics of data describing complex relationships, including:
• General linear models (GLM)
• Generalized linear mixed models (GLMM)
• Hierarchical linear models (HLM)
• Generalized linear models (GENLIN)
• Generalized estimating equations (GEE)

Regression

You can also apply more sophisticated models to your data using a wide range of nonlinear regression models, using these procedures:
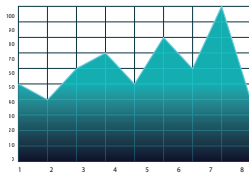• Multinomial logistic regression (MLR) Predict categorical outcomes with more than two categories.
• Binary logistic regression Easily classifyyour data into two groups.
• Nonlinear regression (NLR) and constrained nonlinear regression (CNLR) Estimate parameters of nonlinear models.
• Probit analysis Evaluate the value of stimuli using a logit or probit transformation of the proportion responding.

Custom Tables

It enables you to quickly "slice and dice" your data then you can create customized tables to help you better understand your data and easily report your results.

Statistics Base

Satistical analysis software that delivers the core capabilities you need to take the analytical process from start to finish. ...
A comprehensive range of statistical procedures for conducting accurate analysis. Built-in techniques to prepare data for analysis quickly and easily.

Features & Modules

Bootstrapping

It provides an efficient way to ensure that your models are stable and reliable.

It estimates the sampling distribution of an estimator by re-sampling with replacement from the original sample with bootstrapping, you can reliably estimate the standard errors and confidence intervals of a population parameter,including the mean, median, proportion, odds ratio, correlation coefficient, regression coefficient and numerous others.

Data Preparation

It helps you streamline the data preparation stage of the analytical process saving time and ensuring greater accuracy. Perform data checks based on each variable's measure level, quickly find multivariate outliers by searching for unusual cases based upon deviations from similar cases and pre process data prior to model building with an optimal binning procedure.

"SV Analytica Statistics leverages a powerful set of statistical capabilities, enabling your organization to make the most of the valuable information your data provides"

By digging deeper into your data, you can discover information to improve decision-making ultimately expanding markets, improving research outcomes, ensuring regulatory compliance, managing risk and maximizing ROI to name a few.

SV Analytica-Standard packages features robust and sophisticated functionality and procedures that address the entire analysis lifecycle:

• It includes procedures to account for missing data that otherwise could negatively impact the validity of your results.

• It supports all common data sources used by enterprise organizations.

• Statistical functions and procedures are kept apart from the data, reducing the risk of errors.

• Open technologies allow for the use of external programming languages, so you can add or customize additional functionalities.

• Various modular offerings support different types of analyses.

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