



# SV Analytica Base 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 to provide different training levels to both beginners & professionals to perfectly use the embedded IBM technologies.

## What is SV Analytica Statistics?

Statistical analysis solution 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.

## 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 solution. 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.

# Introduction

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## What is SV Analytica Base:

SV Analytica Base is a part of the SV Analytica Statistics suite of software, which consists of more than a dozen fully integrated products that offer specialized functionality.

This comprehensive, easy-to-use software solution includes a wide range of procedures and tests to help users solve complex business and research challenges.

By grouping essential capabilities, these editions provide an efficient way to ensure that your entire team or department has the features and functionality they need to perform the analyses that contribute to your organization's success.

## SV Analytica Base Capabilities:

It supports business decisions with data-based analytics for improved outcomes.

Be more confident in your results by incorporating data from many different sources in your analysis and using proven, tested techniques to perform your analysis.

Save time and effort with capabilities that enable experienced analysts to develop procedures or dialogs that others can use to speed through repetitive tasks.

Give results greater impact by using visualization capabilities that clearly show others the significance of your findings.



# Features

## Access and analyze massive datasets quickly

SV Analytica Base makes it easy or you to quickly access, manage and analyze any kind of dataset, including survey data, corporate databases or data downloaded from the web. In addition, the software can process Unicode data. This eliminates variability in data due to language-specific encoding and enables your organization to view, analyze and share data written in multiple languages.

## Analyze data with comprehensive techniques

Go beyond summary statistics and row-and-column math. SV Analytica Base gives you a wide range of statistical procedures for basic analysis, including counts, crosstabs, cluster, descriptives, factor analysis, linear regression, cluster analysis, ordinal regression and nearest neighbor analysis.

## Prepare your data for analysis quickly and easily

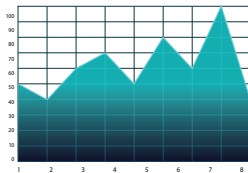
Before you can analyze your data, you need to prepare it for analysis. Numerous techniques and features built into SV Analytica Base enable easy data preparation.

Following are summaries of just a few data management highlights. With SV Analytica Base, you can easily set up data dictionary information (for example, value labels and variable types) and prepare your data for analysis more quickly using the Define Variable Properties tool.



## Make better decisions using Monte Carlo simulation

The simulation capabilities capability in SV Analytica Base are designed to account for uncertainty in inputs to predictive models. In this approach, uncertain inputs are modeled with probability distributions (such as the triangular distribution), and simulated values for those inputs are generated by drawing from those distributions.



# “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-Base 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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