Oracle Crystal Ball New Features Release 11.1.1.3.00

Oracle Crystal Ball is the leading spreadsheet-based software suite for predictive modeling, forecasting, simulation, and optimization. Used by 85 percent of the Fortune 500 and taught in the top 50 U.S. MBA programs, Oracle Crystal Ball gives you unparalleled insight into the critical factors affecting risk, and calculates the likelihood you will reach your objectives. With Oracle Crystal Ball, you can make the right tactical decisions to move you toward your strategic goals and gain a competitive edge under even the most uncertain market conditions.

New Predictor Interface and Developer Kit

Predictor, the time-series forecasting feature of Crystal Ball, was completely rewritten for Release 11.1.1.3.00.

New features include:
- A new Wizard interface for setting up forecasts, previewing forecasts, and viewing results.
- Ability to create reports and extract data.
- Ability to fill-in missing values before charting historical data.
- Ability to adjust outliers before pasting values into worksheets or extracting results.
- Updated formulas and algorithms, including autocorrelations.
- Developer Kit (API) for programming time-series forecasts.

Because Predictor has a different code base, this Developer Kit is no longer compatible with previous releases of CB. Predictor; code written with the earlier CB Predictor Developer Kit is not compatible with Predictor release 11.1.1.3.00 or later.

Other Enhancement

Crystal Ball EPM—Enterprise Performance Management Simulator enables direct Crystal Ball simulation of queries and forms within Oracle Hyperion Smart View for Office, Fusion Edition Release 11.1.1.3.

New Features, Previous 11.1.1.x Releases

Starting with Crystal Ball Release 11.1.1.0.00, a new version numbering scheme was implemented with additional digit groups to align with Oracle versioning standards. Crystal Ball versions 11.1.1.0.00 and 11.1.1.2.00 include the following:
- Updated OptQuest Optimization Feature
- Location Parameter for Lognormal Distribution
- Parameter Locking for Certain Distributions
- New Discrete Distribution Fitting
- P-Value Calculations
- A New Wizard Format for Crystal Ball Tools
- New Data Analysis Tool
- Crystal Ball Licensing Enhancements
- Universal Availability of Predictor and the Crystal Ball Developer kit
- Smart View and Strategic Finance Integration

Parameter Locking for Certain Distributions

You can now lock the values of certain parameters of selected distributions while fitting data to those distributions.

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New Discrete Distribution Fitting

Distribution fitting now includes discrete as well as continuous distributions and certain parameters can be locked for increased accuracy. You can fit all discrete distributions supported by Crystal Ball, except the Yes-No distribution, to integer data sets. For discrete fitting, you can view the Chi-square statistic and Chi-square p-values. Anderson-Darling and Kolmogorov- Smirnov statistics are not currently available for discrete fitting.

P-Value Calculations

When fitting to continuous distributions, p-value calculations for Anderson-Darling and Kolmogorov-Smirnov have been added for the majority of distributions:

New Data Analysis Tool

A new tool, Data Analysis, imports data directly into Crystal Ball forecasts, one for each data series. Then, you can analyze the data using any of Crystal Ball's charting, reporting, and data extraction features.

Crystal Ball Licensing Enhancements

You can now use Oracle Crystal Ball, Fusion Edition in evaluation mode for a limited time, usually 15 days, without needing to activate a license. License activation no longer requires an Internet connection with an online licensing server. These enhancements were designed to streamline the installation and licensing procedure.

Smart View and Strategic Finance Integration

If you have Crystal Ball EPM version 11.1.1.0.00 or 11.1.1.1.00 with appropriate licensing, you can use Smart View to work with Crystal Ball files in a number of ways. You can use the Smart View Connection Manager to store Crystal Ball EPM models within a central repository. Then, you can load them into Smart View, access data from certain other applications also within the repository, and — using cell references — populate the Crystal Ball EPM models with current EPM data for further analysis. Two of the applications that can also be accessed from within the Oracle Hyperion Smart View for Office, Fusion Edition spreadsheet interface are Oracle Essbase and Oracle Hyperion Planning, Fusion Edition. If you have Crystal Ball EPM version 11.1.1.1.00 with appropriate licensing, you can also create Oracle Crystal Ball Enterprise Performance Management, Fusion Edition worksheets from data in Oracle Hyperion Strategic Finance, Fusion Edition.

Contact Us

For more information about Oracle Crystal Ball, please visit oracle.com/crystalball or call +1.800.633-0947 to speak to an Oracle Crystal Ball Representative.

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