BI Office

EXTENDING YOUR TEAM'S ANALYTIC POWER

Complexity Made Simple

Advanced analytics can transform how organizations operate. They can help employees make decisions with data and insight previously untapped. But even those organizations seeking to be data driven have few employees making use of such sophisticated techniques. This often leaves complex analysis either completely neglected or inadequately performed.

BI Office enables any user to put advanced analytics to work for them, making what once was the purview of only a few the daily activity of the many. With a variety of no-code wizards and simple-click interactions, BI Office takes care of complicated scripts and equations for you. Complex analysis is no longer intimidating or relegated to those with advanced technical degrees. Your team's analytic power can now far outperform its headcount.

BI Office gives every user the power of advanced analytics. No statistics degree required.

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PYRAMID ANALYTICS

COMPLEXITY MADE SIMPLE

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Don't open a new job requisition; open BI Office. Adding staff to supplement technical skills can be a good move, but acquiring an analytics platform that offers those skills at your fingertips makes better bottom-line sense. Enable your current team to take innovation and insights to an entirely new level.

HIGHLIGHTED CAPABILITIES

Accessible R BI Office automatically generates the R scripts necessary for advanced *forecasting, clustering, and predictive modeling*. With just a few clicks, users can engage with their data in a way previously reserved for statisticians or data scientists. And with *no need to download R* to a desktop, access to such capabilities is quick and easy. For those who want to write their own R script, BI Office allows that flexibility, as well as the ability to save scripts and securely share them. Find natural groupings in your categorical and numerical data by *clustering*. Use *forecasting* for aggregate projections, such as budget levels over the next six months. Employ the advanced algorithms of *predictive modeling* for insights into future behavior, such as recommendations for specific individuals.

Statistics BI Office provides several key statistical operations to further your analysis. Add a trend line to your chart data using one of four regression models: linear, exponential, logarithmic, or power. Integrate standard deviation, average, and median measures directly within the plot area. Include Pareto lines to help determine elements contributing most to the result being analyzed, so you can prioritize adjustments that will produce the greatest effect. And control the display of outlying data elements by highlighting them or excluding them from your analysis.

Parameterization and Variables Parameterization allows users to easily filter data and display results of custom member calculations without having to hardcode formulas or relationships. For example, a region parameter can display, upon user selection, all associated regions (child objects of the parent), as well as their geospatial mappings. Variables can be created as slider bars (continuous or discrete), radio buttons, or text / input boxes. They allow values to be injected into calculations, queries, and equations. Parameters and variables can be securely shared and reused across the organization to promote consistency throughout your projects.

Focused Analysis Some problems include multiple elements that are best analyzed when pared down into collections or sets. For example, you may have a set consisting of your top 10 projects and a set of your top 20 contractors. Traditionally, to find out who your top contractors are for each of your top projects, you'd have to create a rather complicated function. But now with BI Office, you can simply click BI Office's N-of-N button. Let it do the work, so you can cut through the noise of large datasets and focus on what matters.

Advanced Designers Advanced wizards provide simple interfaces that code the logic for you. The Advanced Set Designer provides an easy way to design a multi-step query for constructing a set. Create a collection of contractors that worked on specific project combinations within a certain timeframe. Or define a set consisting of your 10 over-budget departments. The elements of that set will change dynamically as their rankings do. The Advanced Calculation Designer creates cross-dimensional custom members, modeling scenarios, and custom key performance indicators (with actual and target values). Easily design sophisticated calculations that would otherwise be impossible without manually writing complicated expressions.

Time Intelligence Analyzing data over time requires advanced calculations few can construct accurately. BI Office creates those calculations for you, and makes them reusable for multiple data models, so your expertise can immediately be put to work on the data. Find trends year over year, examine performance year to date, look at parallel periods, or discover seasonality, all without the need for custom script.