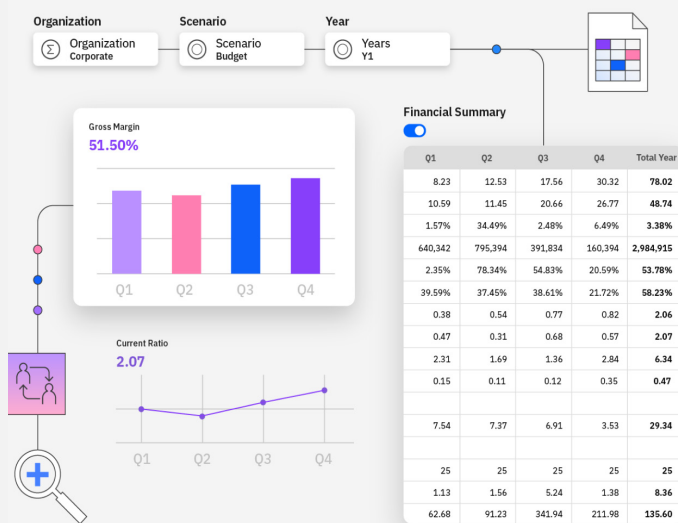


Enhance accuracy with multivariate AI forecasting

Precise predictions and actionable insights enable timely adjustments



Business results rarely hinge on a single factor. Instead, outcomes are influenced by a complex interplay of variables, from market trends to consumer behavior. When you consider multiple variables, forecast accuracy improves, enabling you to make timely adjustments, close gaps and stay on track to meet your goals. So, how do you do that? With IBM Planning Analytics.

Imagine forecasting the future of your business with the same precision meteorologists use to predict storms. Multivariate forecasting brings this vision to life, enabling a deeper understanding of how multiple factors shape business outcomes.

Using advanced AI time-series algorithms helps businesses predict the future more accurately by analyzing not just past trends but also how other variables impact the forecasts. Moreover, multivariate forecasting incorporates both historical and projected future values of those multiple variables.

Understand interdependencies

Multivariate AI forecasting uncovers the complex relationships between variables and easily identifies which variables have the greatest impact. For example, in supply chain management, it's essential to know how production volume impacts inventory and transportation costs.

Analyze scenarios

Multivariate AI forecasting allows businesses to simulate different economic or operational scenarios, tweaking variables to see their potential impact. This helps decision-makers develop more robust strategies.

Optimize resources

By considering various factors, multivariate AI models offer guidance on efficiently allocating resources across budgeting, workforce planning and capacity management, helping ensure that every decision is data-informed and strategically sound.

With multivariate AI forecasting, you can better see the future and quickly test what-if scenarios. This can be the superpower that helps your organization optimize results and gain a competitive advantage.

Experience IBM Planning Analytics with a [30-day no-cost trial](#), or visit ibm.com/products/planning-analytics to learn more.

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