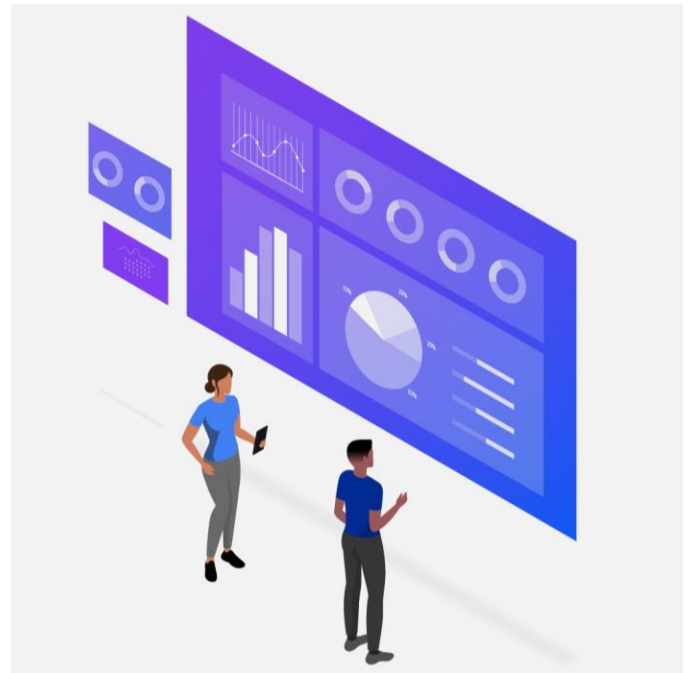**IBM SPSS Statistics**

What's next for IBM SPSS Statistics

Delve into the enhanced power of version 31

Proximity Mapping
It enables users to visualize and analyze the relationships between entities based on their proximity in multi-dimensional space. By considering various variables simultaneously, this feature goes beyond simple location analysis to reveal complex interdependencies.
[Read more here](#)

Distance Correlation
It is is a measure of statistical dependence between two random variables or datasets that captures both linear and nonlinear relationships. Distance correlation accounts for complex associations, making it useful in high-dimensional data analysis.
[Read more here](#)

Time Series Filtering
Time series filtering separates signal from noise in time-ordered data. It involves examining data points collected at regular intervals while removing noise to extract useful information from the data, allowing for better understanding and forecasting of trends and patterns.
[Read more here](#)

Curated Help
Also known as Smart Output it gets activated when correlation procedure is performed over a dataset that helps users get more cues without having to memorize values and its range and smartly interpret the type of correlation

Conditional Inference Trees
Conditional inference trees are better at determining the true effect of predictors by considering all other effects simultaneously. These uses statistical tests to select variables for splitting the data. This method avoids biases associated with traditional decision trees.

STATS Earth
STATS EARTH constructs predictive models by fitting piecewise linear segments and one-hot encoded dummy variables to model nonlinearities and interactions.

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