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What is SPSS Software?

SPSS is an abbreviation for “Statistical Package for the Social Sciences”

The data obtained from SPSS is used for surveys, data mining (relationship between variables), academic research.

What are the Core Features of SPSS?

- Statistical program for quantitative data analysis – It includes frequencies, cross-tabulation, and bivariate statistics.
- Modeler program that allows for predictive modeling. It enables researchers to build and validate predictive models using advanced statistical procedures.
- Text analysis helps you derive insights from qualitative inputs through open-ended questionnaires.
- Visualization Designer allows researchers to use their data for a variety of visual representations.

Statistical methods that can be used in SPSS:

- Descriptive Statistics – It includes methodologies such as Chi-square, frequencies, and descriptive ratio statistics.
- Bivariate Statistics – It includes methodologies such as means, nonparametric tests, correlation, and Analysis of Variance (ANOVA)
- Predicting numeral outcomes such as linear regression
- Methodologies such as cluster analysis and factor analysis which is great for predicting for identifying groups.