



STATISTICA

STATISTICS WORLD

ANALYSIS

Statistical analysis is a component of data analysis. In the context of business, statistical analysis involves collecting and analyzing data to identify trends and patterns. The goal of statistical analysis is to provide insights that can be used to make better business decisions.

USES OF STATISTICS

Statistics is used in many different ways, including:

- Business: To analyze sales data, identify trends, and make decisions.
- Education: To analyze test scores and student performance.
- Healthcare: To analyze patient data and identify trends in disease.
- Government: To analyze economic data and make policy decisions.

IS STATISTICS??

Statistics is the science of collecting, analyzing, and interpreting data. It is used to describe and understand the behavior of groups of individuals or objects.

MEDIAN **MEAN**

MODE

RANGE

STATISTICS

Statistics is the study of data. It involves collecting, organizing, and analyzing data to identify patterns and trends. Statistics is used in many different fields, including business, education, and healthcare.

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DEFINITION OF STATISTICS

Statistics is the science of collecting, analyzing, and interpreting data. It is used to describe and understand the behavior of groups of individuals or objects.

MOMENT

The moment of a distribution is a measure of its shape. It is used to describe the distribution of data and to identify trends and patterns.

SAMPLE

A sample is a subset of a population. It is used to estimate the characteristics of the population and to make decisions about the population.

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DEPT. OF STATISTICS

ANALYSIS

Statistical analysis is a component of data analysis. In the context of business intelligence, statistical analysis involves collecting and analyzing many data points in a bid of form which samples can be drawn. The goal of statistical analysis is to identify trends. A small business, for example, might use statistical analysis to find patterns in customer behavior and their likelihood to purchase. This can be used to create a more personalized customer experience and increase sales.

MEDIAN

MEAN

MODE

RANGE

SAMPLE

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MOMENT

The moment of a force about a point is the product of the force and the perpendicular distance of the line of action of the force from the point.

It is denoted by M and is measured in Nm or Ncm .

The direction of the moment is given by the right-hand rule.



USES OF STATISTICS

Statistics is a branch of mathematics which is used to collect, analyze, interpret and present data. It is used in many fields such as business, economics, psychology, sociology, and medicine. Statistics helps us to understand the world around us and make better decisions. It is a powerful tool for analyzing data and identifying trends. Statistics is used to measure the central tendency and dispersion of data. It is used to test hypotheses and make inferences about a population. Statistics is used to describe the characteristics of a group of individuals. It is used to compare different groups and identify differences. Statistics is used to predict future trends and make decisions based on data. It is used to evaluate the effectiveness of a program or policy. Statistics is used to measure the success of a project or initiative. It is used to identify areas for improvement and make changes. Statistics is used to understand the behavior of individuals and groups. It is used to identify patterns and trends in data. Statistics is used to make sense of complex data and communicate the results. It is used to provide a clear and concise summary of the data. Statistics is used to support decision-making and provide a basis for action. It is used to provide a clear and concise summary of the data. Statistics is used to support decision-making and provide a basis for action.



Is STATISTICS??

It is the science of gathering, organizing, summarizing, analyzing, and interpreting data to make decisions or inferences about a population based on a sample of observations.

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