STATISTICA

BRITISH FATHER OF STATISTICS

Sir Ronald A. Fisher was a British statistician. He was a geneticist who made significant contributions to statistical theory and methodology. He is best known for his work. He was also a pioneer in population genetics and helped establish the foundations of modern evolutionary theory. Fisher developed the Fisher Exact test, a statistical test used to determine association between categorical variables in a contingency table. He was awarded many honours and awards in his lifetime, including being knight in 1952.

INDIAN FATHER OF STATISTICS

Prasanta Chandra Mahalanobis:

He was a renowned Indian statistician who founded the Indian Statistical Institute in Kolkata. He developed the concept of "Mahalanobis distance", a statistical measure used in data analysis. Mahalanobis also contributed significantly to the development of statistical methods for sample surveys in India. He received numerous awards and honors for his contributions to statistics. He developed science and technology in India. He passed away in 1972, leaving behind a legacy of excellence in statistics.

Actuarial Science

Actual Science assesses financial risks in the insurance and finance fields, using mathematical and statistical methods. Actual Science applies probability analysis and statistics to define analyze, and solve the financial impact of uncertain future events.

Actuarial Science helps insurance companies forecast the probability of an event occuring to determine the funds needed to pay claims. The professionals who carry out these tasks of ascertaining, analyzing and providing solution of future uncertainties changing financial risks are the actuaries.

Actuaries have been called financial architects and social mathematicians, because their combined analytical and business skills helps solve a growing variety of financial and social problems. The actuarial profession is a demanding yet rewarding career choice.

Statistical Quality Control

A statistical Quality control System performs inspection, testing, and analysis to conclude whether the quality of each product is up to said quality standards or not. It's called Statistical Quality Control when statistical techniques are employed to control problem. SQC makes inspection more reliable and at the same time, less costly.

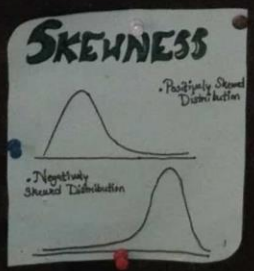
...c Biostatistics?

...tistics is the application of statistical techniques in scientific research in health-related fields, e.g. medicine, biology, public health, and the development of new tools to study these. Since the beginning of the twentieth century, the field of biostatistics has become an indispensable tool in improving and reducing illness.

...are the career prospects for Biostatics PSM graduates?

...prospects for biostatics graduates are excellent. Career opportunities in university research facilities, pharmaceutical and medical device companies.

SKEWNESS



WHAT IS "R"?

"R" is one of the latest cutting edge tools. Today, Millions of analysts, researchers, and brands such as "Facebook", "Google", "Big", Accenture, Wipro are using "R" to solve complex issues. The Applications of R are not limited to just one section, we can see the use of R in banking, e-commerce, finance, and many more sectors. This article will make you familiar with the real life applications of the R programming language.

DEPARTMENT OF STATISTICS

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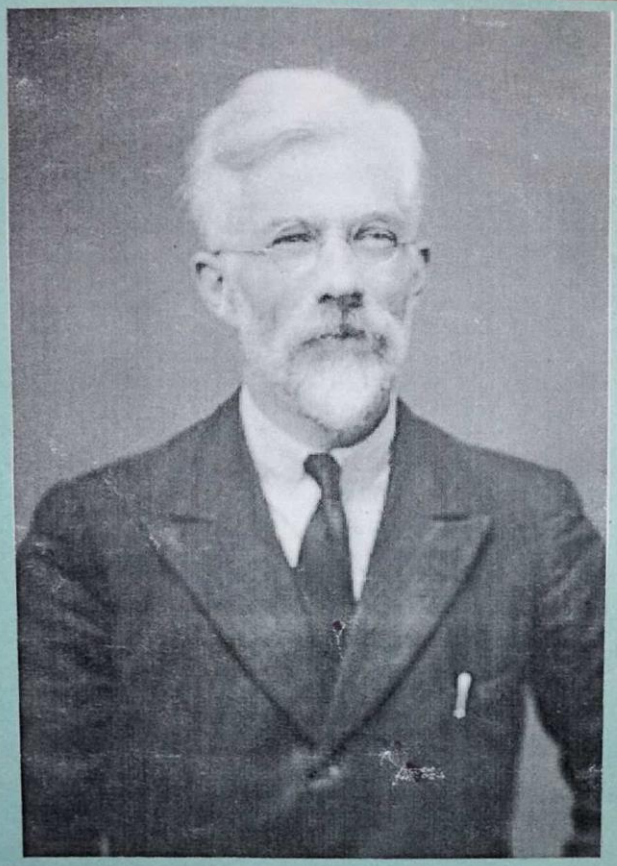

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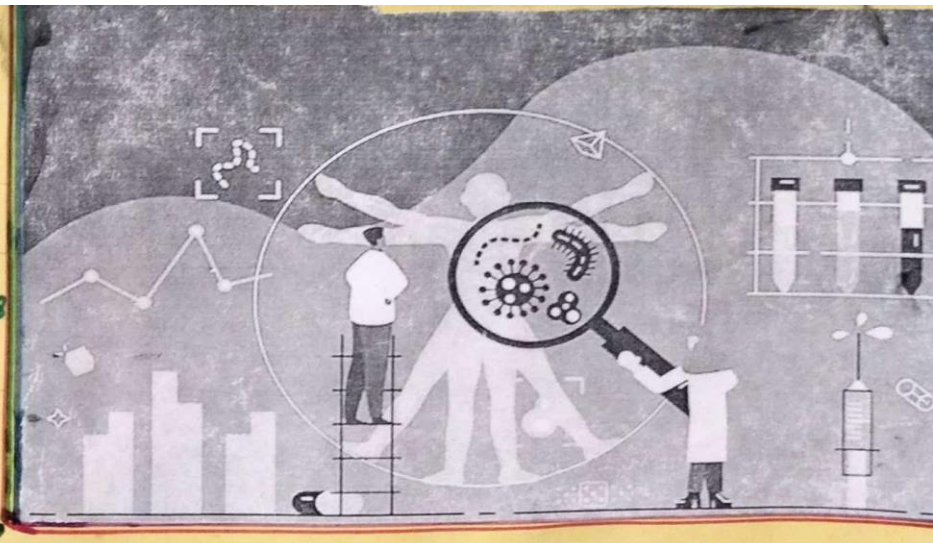
What is Biostatistics ?



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What are the carer prospects for Biostatics PSM graduates ?

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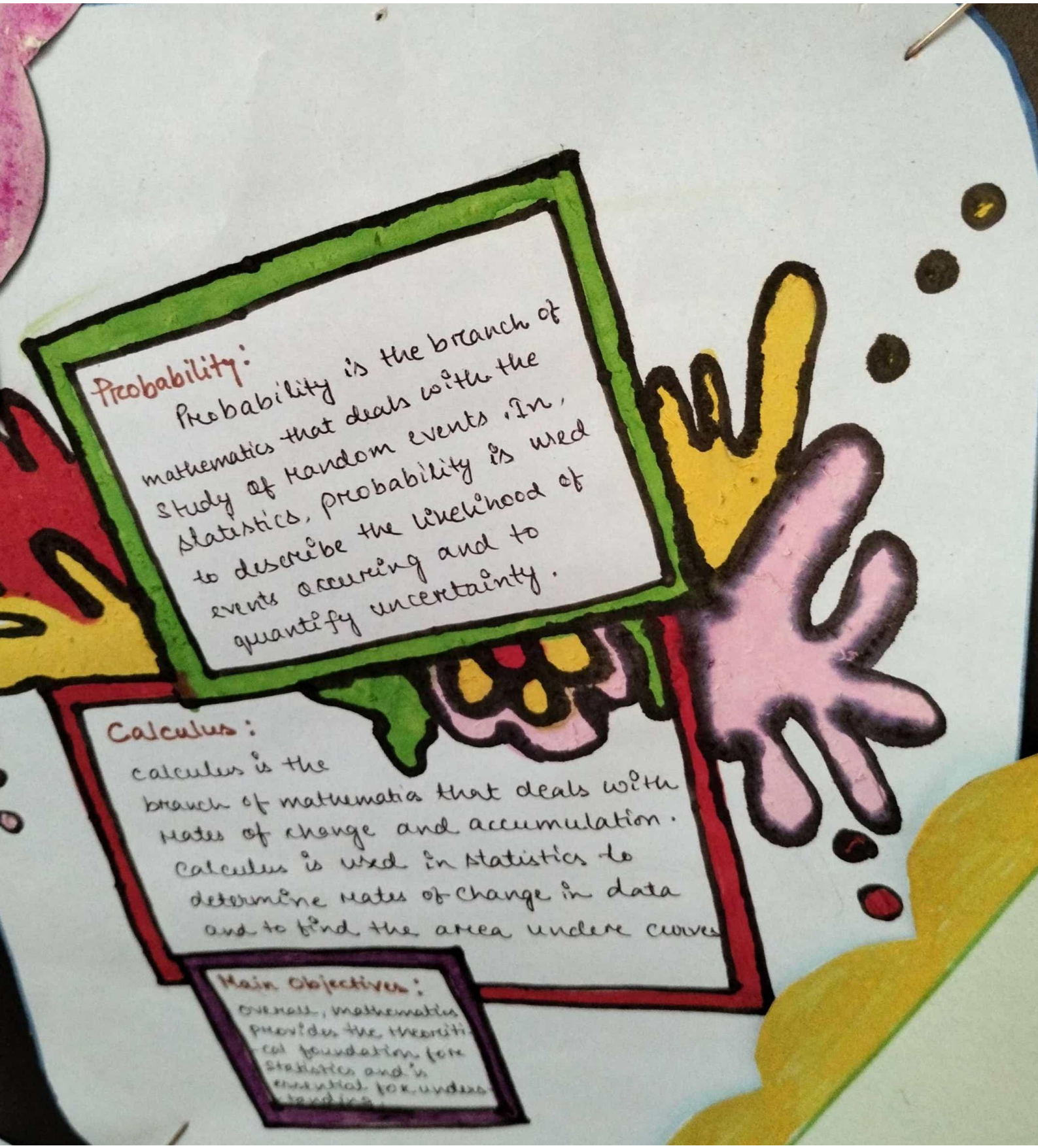
Probability:
Probability is the branch of mathematics that deals with the study of random events. In statistics, probability is used to describe the likelihood of events occuring and to quantify uncertainty.
Calculus:
Calculus is the branch of mathematics that deals with rates of change and accumulation. Calculus is used in statistics to determine rates of change in data and to find the area under curves
Main Objectives:
overall, mathematics provides the theoriti cal foundation for statistics and is essential for understanding

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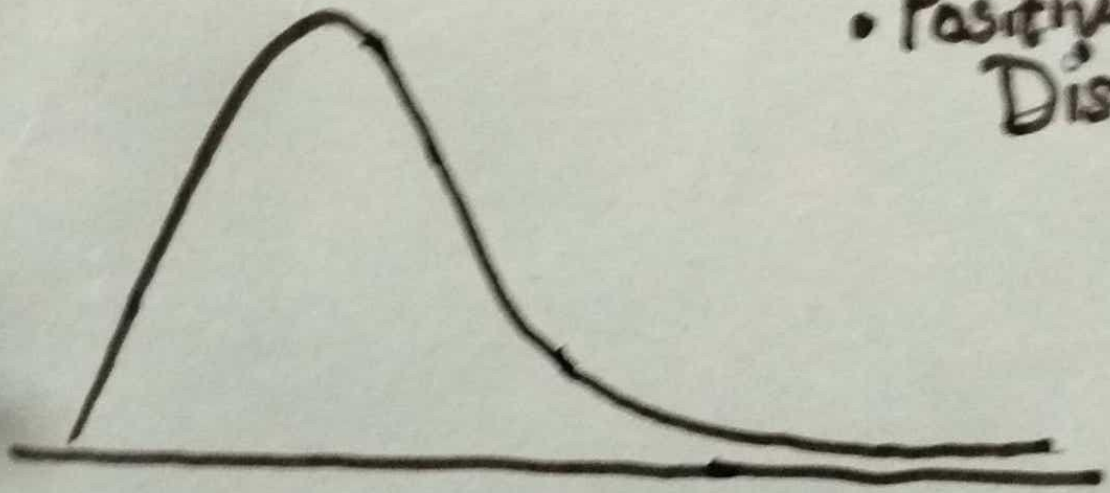
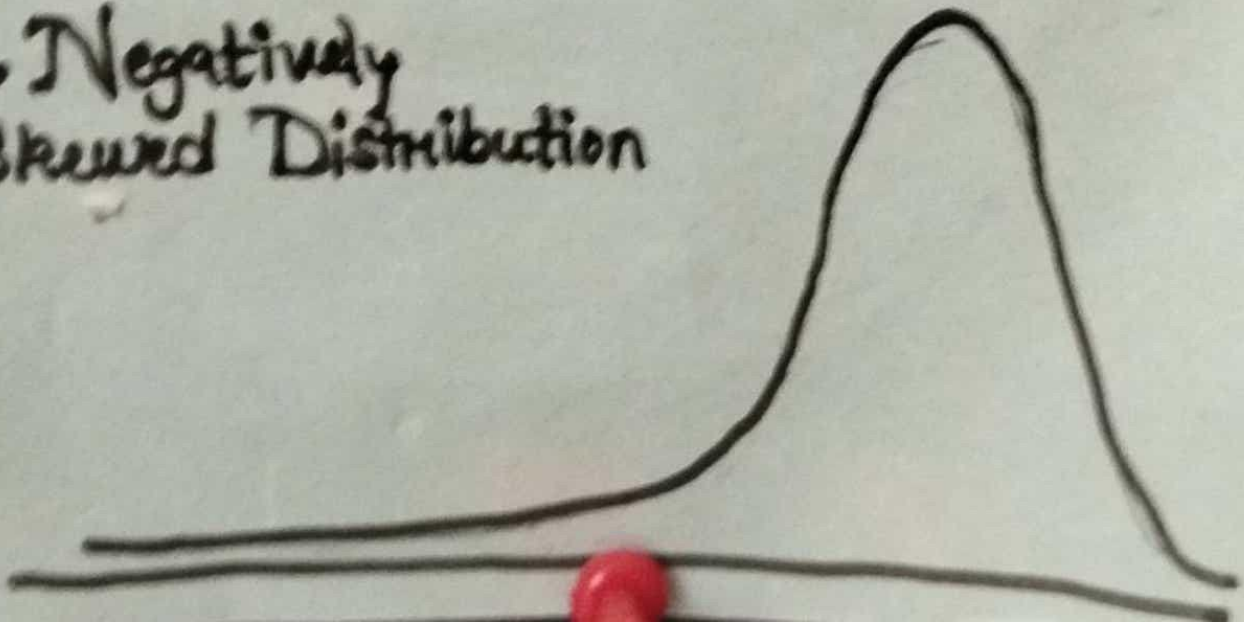
• Positively Skewed Distribution



• Negatively Skewed Distribution



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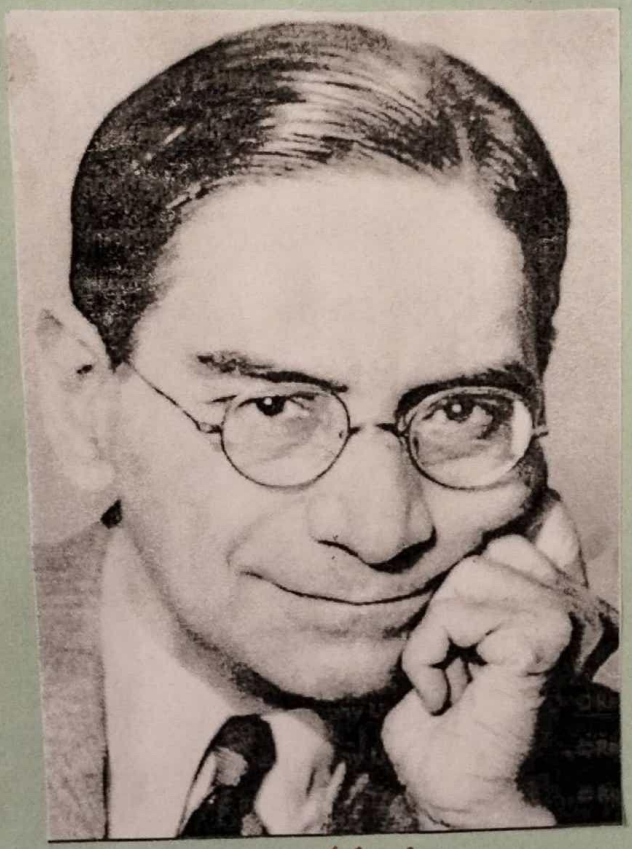

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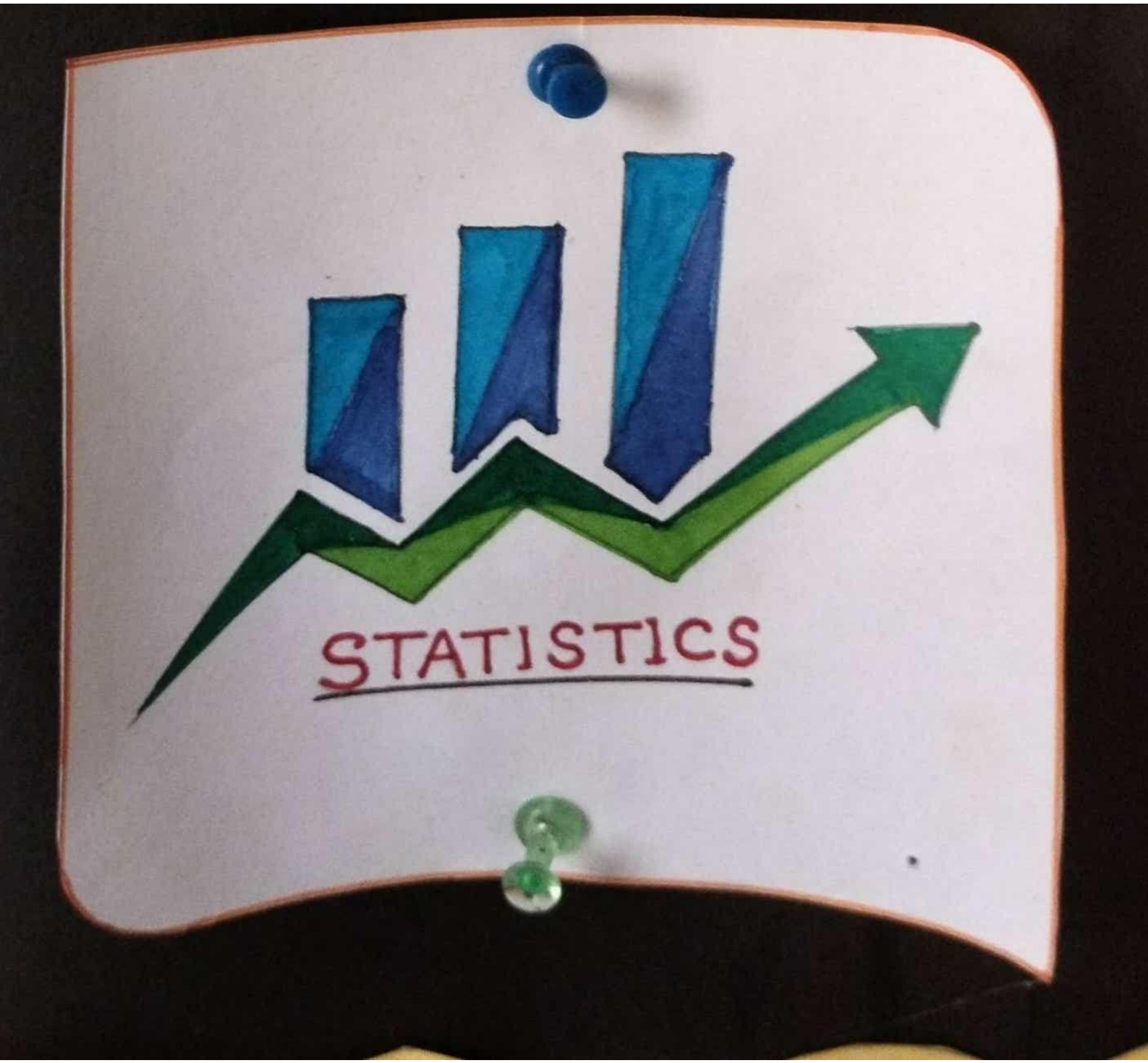
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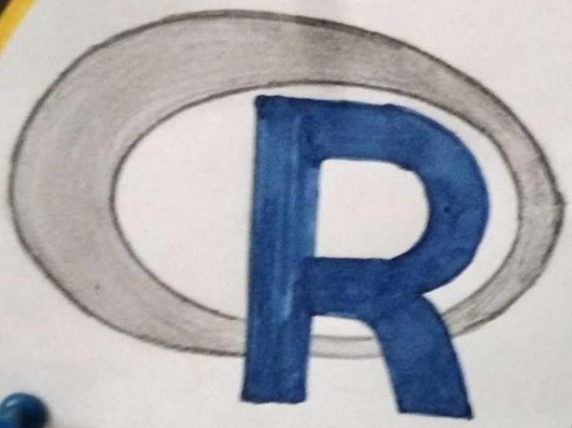

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