

MULTINOMIAL

Meaning: Multinomial refers to a statistical expression or model involving multiple categories or outcomes, particularly in the context of probability distributions and regression analysis.

1. The multinomial distribution is often used in statistics to model outcomes with multiple categories.
2. Researchers utilized a multinomial regression model to analyze the survey data collected from various demographics.
3. In algebra, the expansion of a multinomial expression can be achieved using the multinomial theorem.
4. The team developed a multinomial logistic model to better understand consumer preferences across different products.
5. Understanding the properties of multinomial coefficients is crucial for solving complex combinatorial problems.

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