

What is the process of analyzing categorical data?

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The process of analyzing categorical data involves examining and interpreting data that is organized into categories or groups. This type of data is often non-numerical and can include characteristics such as gender, race, or occupation. The first step in analyzing categorical data is to identify the different categories and their corresponding frequencies. This can be done through tallying or creating a frequency table. Next, the data can be visualized using graphs or charts to better understand the distribution of the categories. Measures such as mode, percentage, and proportion can also be calculated to summarize the data. Finally, statistical tests can be used to determine if there is a significant relationship between the categories. This process helps to gain insights and draw conclusions about the characteristics represented by the categorical data.

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