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Frequency distribution questions with solutions

Frequency distribution questions with solutions pdf. Questions about frequency distribution. What is frequency distribution in math. Frequency distribution solved examples.

The provided dataset consists of 30 integers between 171 and 320. The task is to calculate the relative frequency of each integer, which is done by dividing the number of times each integer appears in the data set by the total number of values (30). Additionally, we need to construct a frequency distribution table with 8 classes, determine the class width, and create a histogram. To do this, we can use R programming language to calculate the relative frequencies and create the frequency distribution table. The resulting table shows that some integers appear more frequently than others, such as 186 which appears three times (0.10 relative frequency). The text also discusses the concept of frequency distributions, which is a summary of data showing how often each value or category occurs. It provides examples of how to create frequency distributions for different types of data, including numerical values and categorical variables. Finally, the text mentions that frequency distributions can be used to identify patterns and trends in data, such as determining which values appear most frequently or which categories are most common. Looking at the frequency data, there's a peak range from 40-45 with a significant number of occurrences, followed by another peak around 47.5. The confidence interval suggests that these ranges are quite certain. The measurement in question shows a variation of 10 cm.