Method of collection how we collect data

Survey while a survey is both the set of questions and the process of collecting and analyzing the responses from those questions.

Questionnaire A questionnaire is a list of questions used to gather data from respondents about their attitudes, experiences, or opinions

Interview An interview is **a structured conversation where one participant asks questions, and the other provides answers**

Experiment **a scientific test in which you perform a series of actions and carefully observe their effects in order to learn about something**.

Observations **an act or the power of seeing or taking notice of something and recording it**.

Population the group that you collect the data about

Sample a smaller group of the population, usually consists of about 10% of the population

Degree of accuracy **a measure of how close and correct a stated value**. **is to the actual, real value being described**

Discrete data data that can only have exact values. The values are usually whole numbers but can include fractions. (finite) Eg goals scored

Continuous data Data that can take any value in a range. All data that is measured is continuous data. (infinite) Eg tree heights or masses of babies

Frequency tables A frequency table is **a table that lists items and shows the number of times the items occur**.

Equal class intervals **The range of each group of data**

Two-way table Recording two sets of data in a way that makes it easy to read the information