

# Demonstrate an understanding of how data is collected



**UNTAMED**  
EDUCATION

3.1.4 Use of data

**Qualitative Data**

**Focus group**

**Quantitative Data**

**Questionnaires**

Data Collection

**Surveys**

**Interviews**

**Observations**

**Measurements**



## Demonstrate an understanding of how data is collected

## 1. Types of data

| Qualitative Data                      | Quantitative Data                             |
|---------------------------------------|-----------------------------------------------|
| Data can be observed but not measured | Data can be measured                          |
| Describes the data                    | Measures the data                             |
| Colours, textures, smells, taste      | Height, weight, temperature, age, speed, time |
| Qualitative - Quality                 | Quantitative - Quantity                       |

## 2. Sporting examples



| Qualitative Data                                         | Quantitative Data     |
|----------------------------------------------------------|-----------------------|
| Good cycling line, relaxed position, good head position. | Time, speed, cadence. |



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Qualitative Data

Good standing foot position, preparatory swing, good head position.

Quantitative Data

Speed and direction.

### 3. Methods of collecting data

#### Quantitative data

- ▶ \_\_\_\_\_
- ▶ \_\_\_\_\_
- ▶ \_\_\_\_\_

#### Qualitative data

- ▶ \_\_\_\_\_
- ▶ \_\_\_\_\_
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