**knowledge on data visualizations**

1. Fill in the blank: Correlation charts show \_\_\_\_\_ among data.

changes

**relationships**

outcomes

causation

**Correct**

Correlation charts show relationships among data.

### 2) When does causation occur?

When an action possibly leads to an outcome

When an action potentially leads to different outcomes

**When multiple actions lead to the same outcome**

When an action directly leads to an outcome

**Correct**

Causation occurs when an action directly leads to an outcome. Causation indicates a clear cause and effect.

### 3.Which of the following are part of McCandless's elements of effective data visualization? Select all that apply.

**The structure**

**The goal**

**Correct**

There are four elements of effective data visualization according to David McCandless. These include the information, the story, the goal, and the visual form.

The moral

The visual form

**Correct**

There are four elements of effective data visualization according to David McCandless. These include the information, the story, the goal, and the visual form.