✓ **Congratulations! You passed!**

Grade received 100%   To pass 80% or higher

Go to next item

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1. True or false. Waffle charts are a visualization technique that represents categorical data in the form of square tiles or cells.

1 / 1 point

○ False

● True

⊘ **Correct**
Correct! Waffle charts are a visualization technique that represents categorical data in the form of square tiles or cells. Their shape has square boxes on a grid that resembles a waffle appearance.

2. What do the squares on a waffle chart represent?

1 / 1 point

○ The squares represent the trajectory of the statistics.

○ These squares resemble a grid of different-sized squares, each representing a specific value or category.

⦿ These squares resemble a grid of equal-sized squares, with each square representing a specific value or category.

○ The squares represent location plots on the graph.

✓ **Correct**
Correct! The equal-sized squares represent a specific value or category.

3. What is Seaborn based on?   1 / 1 point

⦿ Matplotlib

○ Waffle Charts

○ Python

○ Word Clouds

✓ **Correct**
Correct! Although Seaborn is another data visualization library, it is based on Matplotlib.

4. ---------- is a visualization library that provides a higher level interface for creating visually appealing and informative statistical graphics and deals with complex visualizations and statistical analysis.

1 / 1 point

○ numpy

○ matplotlib

◉ Seaborn

○ Pandas

> ✓ **Correct**
> Correct! Seaborn is a visualization library that provides a higher level interface for creating visually appealing and informative statistical graphics and deals with complex visualizations and statistical analysis.

5. The easiest way to create a waffle chart in Python is using the Python package _____.

1 / 1 point

○ Matplotlib

○ Waffle chart

○ Data visualization library

5. The easiest way to create a waffle chart in Python is using the Python package _____.

○ Matplotlib

○ Waffle chart

○ Data visualization library

⦿ PyWaffle

✓ **Correct**
   Correct! Using the PyWaffle library in Python, you can easily create visually appealing waffle charts to communicate categorical data effectively.