



✓ **Congratulations! You passed!**
TO PASS 80% or higher

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Weekly challenge 2

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1. Tableau is used to create interactive and dynamic visualizations. A visualization is interactive when the audience can control what data they see. What does it mean for a visualization to be dynamic?

1 / 1 point

- ☐ The visualization can include audio
- ☐ The visualization can be downloaded
- ☒ The visualization can change over time
- ☐ The visualization cannot be altered

✓ **Correct**

A visualization is dynamic when it can change over time.

2. A data analyst uses the Color tool in Tableau to apply a color scheme to a data visualization. Why do they make sure the color scheme has contrast?

1 / 1 point

- ☐ To make the visualization more elaborate
- ☐ To make the visualization more stylish for users to enjoy
- ☒ To make the visualization accessible for people with color vision deficiencies
- ☐ To make the visualization uniform

✓ **Correct**

The data analyst makes sure the color scheme has contrast in order to make the visualization accessible for people with color vision deficiencies.

3. You are working with the World Happiness data in Tableau. What tool do you use to select the area on the map representing Central America?

1 / 1 point

- ☐ Rectangular
- ☐ Radial
- ☒ Lasso
- ☐ Pan

✓ **Correct**

To select the area on the map representing Central America, use the Lasso tool.

4. You are working with the World Happiness data in Tableau. What tool do you use to get a better view of Greece?

1 / 1 point

- ☐ Lasso
- ☐ Rectangular
- ☒ Pan
- ☐ Radial

✓ **Correct**

To get a better view of Greece, use the Pan tool.

5. Fill in the blank: A data analyst is working with the World Happiness data in Tableau. They use the ____ tool on the Marks shelf to display the population of each country on the map.

1 / 1 point

- ☐ Tooltip
- ☒ Label
- ☐ Size
- ☐ Detail

✓ **Correct**

They use the Label tool on the Marks shelf to display the population of each country on the map.

6. Fill in the blank: A data analyst uses the ____ tool to show only those countries with a World Happiness score of 5.0 or greater.

1 / 1 point

- ☒ Filter
- ☐ Attribute
- ☐ Format
- ☐ Dimension

✓ **Correct**

A data analyst uses the Filter tool to show only those countries with a World Happiness score of 5.0 or greater.

7. A data analyst is creating a visualization in Tableau Public. They want to keep it private from other users until it is complete. Which icon should they click?

1 / 1 point

- ☒ Eye
- ☐ Private
- ☐ Source
- ☐ Close

✓ **Correct**

To keep a visualization private from other users, they should click the Eye icon.

8. Fill in the blank: In Tableau, a diverging palette displays two value ranges. It uses a color to show the range where a data point is from and ____ to show its magnitude.

1 / 1 point

- ☐ color overlays
- ☒ intensity
- ☐ borders
- ☐ markers

✓ **Correct**

Fill in the blank: In Tableau, a diverging palette displays two value ranges. It uses a color to show the range where a data point is from and intensity to show its magnitude.