



✓ **Congratulations! You passed!**

TO PASS 80% or higher

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100%

ggplotly Quiz

TOTAL POINTS 5

1. What is the basic function for adding the plotly interactive interface to a ggplot figure?

1 / 1 point

- ☐ gg_plotly()
- ☐ plotly()
- ☒ ggplotly()

✓ **Correct**
Correct!

2. Which of these is a way to export an interactive plotly figure?

1 / 1 point

- ☒ Upload the figure to your RPub's account.

✓ **Correct**
Correct! For more on RPub's, take the next course in this specialization!

- ☐ Export it using a plotly_save() function.
- ☒ Save it as .html file using the Viewer window in R Studio.

✓ **Correct**
Correct!

3. What aesthetic do you set in the ggplot() function that allows ggplotly to animate the figure?

1 / 1 point

- ☒ frame
- ☐ animate
- ☐ transition

✓ **Correct**
Correct! Set frame to the variable in the data that you want to cycle through for the animation.

4. How do you export a animation created with ggplotly?

1 / 1 point

- ☐ Export it as a Flash animation.
- ☐ Export it as an animated gif using anim_save.
- ☒ Save it as .html file using the Viewer window in R Studio.

✓ **Correct**
Correct!

5. What is the point of mapping the ids aesthetic when animating a ggplot figure with ggplotly?

1 / 1 point

- ☒ It adds object constancy to the figure, so the animation will be smoother and you'll be able to track individual units of observation.
- ☐ It will add labels to the marks in the figure, so it will be easier to track change over time.
- ☐ It will make the plot interactive when the user pauses the animation, so it will be easier for the user to identify trends and changes in the data.

✓ **Correct**
Correct!