# GraphVisual Study Guide

This guide aims to give you a better grasp of what you can do using GraphVisual.

To begin, first, go through the onboarding that starts when you open the GraphVisual web page. In case you close it, you can always click the “help?” link at the top-right corner. If you want to learn more about the background of GraphVisual, click the “about” link at the top-right corner.

The main part of this study guide consists of the following questions, which help you explore the interface:

* Select the biggest cluster in the Retweet graph.
* Filter out all nodes with a degree smaller than 5 in the Les Miserables graph.
* Find the longest edge in the Relation graph using the Yifan Hu layout.
* Select all the neighbors and their neighbors for the USA node in the Football graph.
* Find out which graphs have a special layout.
* Which data set has the most number of nodes?
* How many different layouts can you find? List them out.
* What changes can you make to the overall appearance of the graph layout?
* Why are some of these changes not always possible?
* What happens when the “Opacity” slider is set to a value greater than 0.5?
* What do nodes in the Cities and Firms graph represent?
* What do edges in the Les Miserables graph represent?