# Twilight Talkers: Part I

## Background

You are a data visualization specialist for *StatFlix*, an entertainment research company that collects and analyzes data from popular media. Your boss just launched a new initiative focused on the film versions of the *Twilight* series. You have been assigned to **come up with a way to visualize the interactions between movie characters**. Your boss has no specific requirements for how you do this, leaving the judgment up to your expertise.

## Data

A fellow analyst on your team already reviewed the script from one film and organized the interactions for a subset of characters in a table. Table 1 contains these data. These data summarize which pairs of characters interacted with each other at any point throughout the film. For example, the first row says that Alice interacted with Bella, Carlisle, Edward, and Laurent, but no other characters.

| **Character:** | **Interacts with:** |
| --- | --- |
| Alice | Bella, Carlisle, Edward, Laurent |
| Bella | Alice, Carlisle, Charlie, Edward, Jacob, Jessica, Laurent, Mike, Sam, Tyler |
| Carlisle | Alice, Bella, Charlie, Edward, Laurent, Tyler |
| Charlie | Bella, Carlisle, Edward, Jacob, Mike, Tyler |
| Edward | Alice, Bella, Carlisle, Charlie, Jessica, Laurent, Mike |
| Jacob | Bella, Charlie, Jessica, Mike, Sam |
| Jessica | Bella, Edward, Jacob, Mike, Sam |
| Laurent | Alice, Bella, Carlisle, Edward |
| Mike | Bella, Charlie, Edward, Jacob, Jessica, Sam |
| Sam | Bella, Jacob, Jessica, Mike |
| Tyler | Bella, Carlisle, Charlie |

## Task 1: Visualize Interactions

1. Create a visualization that represents the interactions presented in the data table. Do this individually (not as a group). After each person has a draft of their visualization, share and discuss them with each other and come up with a “final” consensus visualization. Insert your final consensus visualization below. (Also include the individual visualizations you created. Be sure to append your name to these visualizations.)

Tips:

* There is no best way to do this. Feel free to experiment and be creative.
* Keep focused on the specific task: representing who interacted with whom.
* You will eventually be asked to modify this visualization, but don't worry about that for now.
* Aim to complete Task 1 within 20 minutes.