

The Network Graph visualization supports undirected and directed [graph structures](#). This type of visualization illuminates relationships between entities. Entities are displayed as round nodes and lines show the relationships between them. The vivid display of network nodes can highlight non-trivial data discrepancies that may be otherwise overlooked.


Current limitations include:

- The visualization will only show relationships from the first 100,000 rows in a table. A filter can include rows from 100,001 or beyond in the table, but the graph will still not display them.
- Internet Explorer 8 and below are not supported. When using Fusion Tables with an unsupported browser, the Network Graph visualization will not be available. Embedded network graphs are replaced with a static image.

Each row of a table represents one relationship in the graph. For example, a table and network graph about people and their dogs might look like:

The network graph shows each row as a line connecting a person and a dog. Since Joe is listed twice, he's shown as one bigger node.

To create a Network Graph in the New look:

- [+] > Add chart
- Click the  Network Graph button.
- By default, the graph will display links between the first two text columns.

To create a Network Graph in Classic:

- [Experiment](#) > Network Graph
- By default, the first two text columns will be selected as the source of nodes: Node column 1 and Node column 2.

Adjust the Network Graph's display:

- Select a number column to act as a Weight factor for line length. The default is 1.
- Check Color nodes by column to display nodes from different columns with a distinct color.
- Select Show link direction between nodes to display directional arrows.
- Apply a filter. This can be useful on a large table so that you can see the nodes and lines more clearly.

Interact with the Network Graph: