CLAIMS

What is claimed is:

1. A method to alter how source data is displayed within a user interface, the method comprising:

displaying, via a display screen, a visualization of source data within a user interface, the source data comprises a plurality of layers of information;

receiving, via the user interface, a first user input effective to select portions of the source data to be included in the visualization of the source data displayed within the user interface;

receiving, via the user interface, a second user input effective to select one or more subsets of the plurality of layers of information to be included in the visualization of the source data displayed within the user interface; and

altering the visualization of the source data within the user interface based on the first user input and according to the second user input, including hiding one or more portions of the source data and one or more subsets of the plurality of layers of information that are not to be included in the visualization displayed within the user interface.

2. The method of claim 1 further comprising:

receiving, via the user interface, a third user input effective to select one or more additional subsets of the source data that are to be added to the visualization of the source data being displayed; and

further altering the visualization of the source data within the user interface according to the third user input.

3. The method of claim 1 further comprising:

receiving, via the user interface, a third user input effective to select one or more additional subsets of the source data to be hidden in the visualization of the source data being displayed; and

further altering the visualization of the source data within the user interface according to the third user input.

4. The method of claim 1, wherein the source data further comprises information indicating relationships between all of the portions of the source data, the method further comprising:

determining one or more portions of the source data to be hidden in the visualization of the source data within the user interface according to the second user input; and

determining one or more portions of the source data to be visible in the visualization of the source data within the user interface according to the relationships between all of the portions of the source data.

5. The method of claim 1 further comprising associating, in the visualization of the source data within the user interface, two or more portions of the source data in two or more layers of the source data based on information in one or more layers of information that are hidden in the visualization of the source data.

6. The method of claim 1, wherein the source data further comprises a plurality of perspectives including paths associating all of the portions of the source data and altering the visualization of the source data comprises altering which of the associations of the portions of the source data are included in the visualization of the source data being displayed.

7. The method of claim 6, wherein the second user input indicates a first portion of the source data is to be a start point and a second portion of the source data is to be an end point for displaying the associations of the portions of the source data within the visualization of the source data.

8. A non-transitory computer-readable storage medium having computer-executable instructions stored thereon that are executable by a processor device to perform or control performance of operations comprising:

displaying, via a display screen, a visualization of source data within a user interface, the source data comprises a plurality of layers of information;

receiving, via the user interface, a first user input effective to select portions of the source data to be included in the visualization of the source data displayed within the user interface;

receiving, via the user interface, a second user input effective to select one or more subsets of the plurality of layers of information to be included in the visualization of the source data displayed within the user interface; and

altering the visualization of the source data within the user interface based on the first user input and according to the second user input, including hiding one or more portions of the

source data and one or more subsets of the plurality of layers of information that are not to be included in the visualization displayed within the user interface.

9. The non-transitory computer-readable storage medium of claim 8, the operations further comprising:

receiving, via the user interface, a third user input effective to select one or more additional subsets of the source data that are to be added to the visualization of the source data being displayed; and

further altering the visualization of the source data within the user interface according to the third user input.

10. The non-transitory computer-readable storage medium of claim 8, the operations further comprising:

receiving, via the user interface, a third user input effective to select one or more additional subsets of the source data to be hidden in the visualization of the source data being displayed; and

further altering the visualization of the source data within the user interface according to the third user input.

11. The non-transitory computer-readable storage medium of claim 8, wherein the source data further comprises information indicating relationships between all of the portions of the source data, the operations further comprising:

determining one or more portions of the source data to be hidden in the visualization of the source data within the user interface according to the second user input; and

determining one or more portions of the source data to be visible in the visualization of the source data within the user interface according to the relationships between all of the portions of the source data.

12. The non-transitory computer-readable storage medium of claim 8, the operations further comprising associating, in the visualization of the source data within the user interface, two or more portions of the source data in two or more layers of the source data based on information in one or more layers of information that are hidden in the visualization of the source data.

13. The non-transitory computer-readable storage medium of claim 8, wherein the source data further comprises a plurality of perspectives including paths associating all of the portions of the source data and altering the visualization of the source data comprises altering which of the associations of the portions of the source data are included in the visualization of the source data being displayed.

14. The non-transitory computer-readable storage medium of claim 13, wherein the second user input indicates a first portion of the source data is to be a start point and a second portion of the source data is to be an end point for displaying the associations of the portions of the source data within the visualization of the source data.

15. A system comprising:

a processor configured to cause performance of operations comprising:

displaying, via a display screen, a visualization of source data within a user interface, the source data comprises a plurality of layers of information;

receiving, via the user interface, a first user input effective to select portions of the source data to be included in the visualization of the source data displayed within the user interface;

receiving, via the user interface, a second user input effective to select one or more subsets of the plurality of layers of information to be included in the visualization of the source data displayed within the user interface; and

altering the visualization of the source data within the user interface based on the first user input and according to the second user input, including hiding one or more portions of the source data and one or more subsets of the plurality of layers of information that are not to be included in the visualization displayed within the user interface.

16. The system of claim 15, the operations further comprising:

receiving, via the user interface, a third user input effective to select one or more additional subsets of the source data that are to be added to the visualization of the source data being displayed; and

further altering the visualization of the source data within the user interface according to the third user input.

17. The system of claim 15, the operations further comprising:

receiving, via the user interface, a third user input effective to select one or more additional subsets of the source data to be hidden in the visualization of the source data being displayed; and

further altering the visualization of the source data within the user interface according to the third user input.

18. The system of claim 15, wherein the source data further comprises information indicating relationships between all of the portions of the source data, the operations further comprising:

determining one or more portions of the source data to be hidden in the visualization of the source data within the user interface according to the second user input; and

determining one or more portions of the source data to be visible in the visualization of the source data within the user interface according to the relationships between all of the portions of the source data.

19. The system of claim 15, wherein the source data further comprises a plurality of perspectives including paths associating all of the portions of the source data and altering the visualization of the source data comprises altering which of the associations of the portions of the source data are included in the visualization of the source data being displayed.

20. The system of claim 19, wherein the second user input indicates a first portion of the source data is to be a start point and a second portion of the source data is to be an end point for displaying the associations of the portions of the source data within the visualization of the source data.