Initial Report

Last Modified: 03/16/2015

1. What is your gender?

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| # | Answer | |  |  | | --- | --- | |  |  | | Response | % |
| 1 | ✔ Male | |  |  | | --- | --- | |  |  | | 1 | 50% |
| 2 | ✔ Female | |  |  | | --- | --- | |  |  | | 1 | 50% |
|  | Total |  | 2 | 100% |

|  |  |
| --- | --- |
| Statistic | Value |
| Min Value | 1 |
| Max Value | 2 |
| Mean | 1.50 |
| Variance | 0.50 |
| Standard Deviation | 0.71 |
| Total Responses | 2 |

2. What is your age?

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| # | Answer | |  |  | | --- | --- | |  |  | | Response | % |
| 1 | ✔ 18 - 22 years old | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 2 | ✔ 23 - 27 years old | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 3 | ✔ 28 - 32 years old | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 4 | ✔ 33 - 37 years old | |  |  | | --- | --- | |  |  | | 2 | 100% |
| 5 | ✔ 38 - 42 years old | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 6 | ✔ 43 - 52 years old | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 7 | ✔ 53 - 62 years old | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 8 | ✔ 63 and over | |  |  | | --- | --- | |  |  | | 0 | 0% |
|  | Total |  | 2 | 100% |

|  |  |
| --- | --- |
| Statistic | Value |
| Min Value | 4 |
| Max Value | 4 |
| Mean | 4.00 |
| Variance | 0.00 |
| Standard Deviation | 0.00 |
| Total Responses | 2 |

3. What is the highest level of school you have completed or the highest degree you have received?

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| # | Answer | |  |  | | --- | --- | |  |  | | Response | % |
| 1 | ✔ Less than high school diploma | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 2 | ✔ High school diploma or equivalent (e.g., GED) | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 3 | ✔ Some college but no degree | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 4 | ✔ Associate degree | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 5 | ✔ Bachelor degree | |  |  | | --- | --- | |  |  | | 1 | 50% |
| 6 | ✔ Graduate or professional degree | |  |  | | --- | --- | |  |  | | 1 | 50% |
|  | Total |  | 2 | 100% |

|  |  |
| --- | --- |
| Statistic | Value |
| Min Value | 5 |
| Max Value | 6 |
| Mean | 5.50 |
| Variance | 0.50 |
| Standard Deviation | 0.71 |
| Total Responses | 2 |

4. Are you currently a student?

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| # | Answer | |  |  | | --- | --- | |  |  | | Response | % |
| 1 | ✔ Yes | |  |  | | --- | --- | |  |  | | 1 | 50% |
| 2 | ✔ No | |  |  | | --- | --- | |  |  | | 1 | 50% |
|  | Total |  | 2 | 100% |

|  |  |
| --- | --- |
| Statistic | Value |
| Min Value | 1 |
| Max Value | 2 |
| Mean | 1.50 |
| Variance | 0.50 |
| Standard Deviation | 0.71 |
| Total Responses | 2 |

5. What is your major?

|  |
| --- |
| Text Response |
| Public Administration |

|  |  |
| --- | --- |
| Statistic | Value |
| Total Responses | 1 |

6. What is your occupation?

|  |
| --- |
| Text Response |
| Software Engineer |

|  |  |
| --- | --- |
| Statistic | Value |
| Total Responses | 1 |

7. How experienced are you with data analysis?

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| # | Answer | |  |  | | --- | --- | |  |  | | Response | % |
| 1 | ✔ Not all experienced | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 2 | ✔ Somewhat experienced | |  |  | | --- | --- | |  |  | | 2 | 100% |
| 3 | ✔ Experienced | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 4 | ✔ Very experienced | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 5 | ✔ Extremely experienced | |  |  | | --- | --- | |  |  | | 0 | 0% |
|  | Total |  | 2 | 100% |

|  |  |
| --- | --- |
| Statistic | Value |
| Min Value | 2 |
| Max Value | 2 |
| Mean | 2.00 |
| Variance | 0.00 |
| Standard Deviation | 0.00 |
| Total Responses | 2 |

8. What applications have you used to analyze data and/or build graphs?

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| # | Answer | |  |  | | --- | --- | |  |  | | Response | % |
| 1 | ✔ IBM SPSS | |  |  | | --- | --- | |  |  | | 1 | 50% |
| 2 | ✔ SAS | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 3 | ✔ Microsoft Excel | |  |  | | --- | --- | |  |  | | 2 | 100% |
| 4 | ✔ Other | |  |  | | --- | --- | |  |  | | 0 | 0% |

|  |
| --- |
| Other |

|  |  |
| --- | --- |
| Statistic | Value |
| Min Value | 1 |
| Max Value | 3 |
| Total Responses | 2 |

9. What system do you prefer to use on your desktop or laptop?

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| # | Answer | |  |  | | --- | --- | |  |  | | Response | % |
| 1 | ✔ PC | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 2 | ✔ Mac | |  |  | | --- | --- | |  |  | | 1 | 50% |
| 3 | ✔ Other | |  |  | | --- | --- | |  |  | | 1 | 50% |
|  | Total |  | 2 | 100% |

|  |
| --- |
| Other |
| Linux |

|  |  |
| --- | --- |
| Statistic | Value |
| Min Value | 2 |
| Max Value | 3 |
| Mean | 2.50 |
| Variance | 0.50 |
| Standard Deviation | 0.71 |
| Total Responses | 2 |

10. What was visually-pleasing about the controls and overall look of the prototype? Describe in as much detail as possible.

|  |
| --- |
| Text Response |
| Layout of app is adequate. Colors of boxes on left represent grouping sof commonly used task actions. Center has workspace bottom has save and undo functions so user does not have to search for them. Properties box on bottom right is well place as is tools on top right. |
| The graphics were simple. |

|  |  |
| --- | --- |
| Statistic | Value |
| Total Responses | 2 |

11. What was NOT visually-pleasing about the controls and overall look of the prototype? Describe in as much detail as possible.

|  |
| --- |
| Text Response |
| nowhere in the application to select tools so how would frequently used tools be populated. |
| Some of the labels could be misleading and cause frustration. |

|  |  |
| --- | --- |
| Statistic | Value |
| Total Responses | 2 |

12. Please indicate any language/text on the prototype that was unclear to you.  What was unclear?

|  |
| --- |
| Text Response |
| Image properties should not have font, font size, margins and color box its not clear that its a color selector. Should be length, width in either or both pixels or inches with option to maintain aspect ratio. Select dataset is unclear. User does not know that each file contains a single dataset. I thought that open file was missing since I assumed that a file contain many datasets so I was looking for an open file button and once file is open the within file I select datasets from the file. Needs to be clear that each file is the dataset. Then how do you have multiple datasets in your charts. |
| Some of the labels could be misleading and cause frustration.The option " Visualizations" is not as intuitive as it should be, because it gives you different chart types. The box referring to "dynamic properties" was a little confusing. If it is simply referring to the properties of the image, then it should just simply say properties. The options only referred to fonts. |

|  |  |
| --- | --- |
| Statistic | Value |
| Total Responses | 2 |

13. It was easy to add images to the bars on the graph.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| # | Answer | |  |  | | --- | --- | |  |  | | Response | % |
| 1 | ✔ Strongly Disagree | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 2 | ✔ Disagree | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 3 | ✔ Neither Agree nor Disagree | |  |  | | --- | --- | |  |  | | 1 | 50% |
| 4 | ✔ Agree | |  |  | | --- | --- | |  |  | | 1 | 50% |
| 5 | ✔ Strongly Agree | |  |  | | --- | --- | |  |  | | 0 | 0% |
|  | Total |  | 2 | 100% |

|  |  |
| --- | --- |
| Statistic | Value |
| Min Value | 3 |
| Max Value | 4 |
| Mean | 3.50 |
| Variance | 0.50 |
| Standard Deviation | 0.71 |
| Total Responses | 2 |

14. How easy was it to edit, format or modify images?

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| # | Answer | |  |  | | --- | --- | |  |  | | Response | % |
| 1 | ✔ Strongly Disagree | |  |  | | --- | --- | |  |  | | 2 | 100% |
| 2 | ✔ Disagree | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 3 | ✔ Neither Agree nor Disagree | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 4 | ✔ Agree | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 5 | ✔ Strongly Agree | |  |  | | --- | --- | |  |  | | 0 | 0% |
|  | Total |  | 2 | 100% |

|  |  |
| --- | --- |
| Statistic | Value |
| Min Value | 1 |
| Max Value | 1 |
| Mean | 1.00 |
| Variance | 0.00 |
| Standard Deviation | 0.00 |
| Total Responses | 2 |

15. Please rate the difficulty of this task (opening data; adding and modifying images on graph).

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| # | Answer | |  |  | | --- | --- | |  |  | | Response | % |
| 1 | ✔ Very Difficult | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 2 | ✔ Difficult | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 3 | ✔ Somewhat Difficult | |  |  | | --- | --- | |  |  | | 2 | 100% |
| 4 | ✔ Neutral | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 5 | ✔ Somewhat Easy | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 6 | ✔ Easy | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 7 | ✔ Very Easy | |  |  | | --- | --- | |  |  | | 0 | 0% |
|  | Total |  | 2 | 100% |

|  |  |
| --- | --- |
| Statistic | Value |
| Min Value | 3 |
| Max Value | 3 |
| Mean | 3.00 |
| Variance | 0.00 |
| Standard Deviation | 0.00 |
| Total Responses | 2 |

16. What was NOT visually-pleasing about the controls and overall look of the prototype? Describe in as much detail as possible.

|  |
| --- |
| Text Response |
| Nothing. |
| The replace slide button that appears after selecting "visualizations" should show up under properties. |

|  |  |
| --- | --- |
| Statistic | Value |
| Total Responses | 2 |

17. Please indicate elements that did not behave as you would expect? (e.g., behaviors when you click on controls)

|  |
| --- |
| Text Response |
| I expect image properties for an image and got text properties. I did not know what visualizations meant. |
| Data Selector Visualizations It lacked the options to edit the image properties. Also, after selecting the image there were no options to modify the image properties. |

|  |  |
| --- | --- |
| Statistic | Value |
| Total Responses | 2 |

18. What was visually-pleasing about the controls and overall look of the prototype? Describe in as much detail as possible.

|  |
| --- |
| Text Response |
| Select style and select direction are clear |
| The "tooltip" control was simple and intuitive. |

|  |  |
| --- | --- |
| Statistic | Value |
| Total Responses | 2 |

19. What was NOT visually-pleasing about the controls and overall look of the prototype? Describe in as much detail as possible.

|  |
| --- |
| Text Response |
| Nothing |
| The options to edit the tool tips could be reduced to one window. The option to upload an image is not very intuitive. It should have a label indicating that it can be selected to upload an image. After the tool tip is created, there should be an option to modify the properties. |

|  |  |
| --- | --- |
| Statistic | Value |
| Total Responses | 2 |

20. Please indicate any language/text on the prototype that was unclear to you.  What was unclear?

|  |
| --- |
| Text Response |
| Disply on marker/line not sure what this means. |
| The upload file image option in step 2 was not very clear. It should have a label indicating that it can be selected to upload an image. |

|  |  |
| --- | --- |
| Statistic | Value |
| Total Responses | 2 |

21. It was easy to add tooltips to the graph.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| # | Answer | |  |  | | --- | --- | |  |  | | Response | % |
| 1 | ✔ Strongly Disagree | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 2 | ✔ Disagree | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 3 | ✔ Neither Agree nor Disagree | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 4 | ✔ Agree | |  |  | | --- | --- | |  |  | | 2 | 100% |
| 5 | ✔ Strongly Agree | |  |  | | --- | --- | |  |  | | 0 | 0% |
|  | Total |  | 2 | 100% |

|  |  |
| --- | --- |
| Statistic | Value |
| Min Value | 4 |
| Max Value | 4 |
| Mean | 4.00 |
| Variance | 0.00 |
| Standard Deviation | 0.00 |
| Total Responses | 2 |

22. How easy was it to edit, format or modify tooltips?

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| # | Answer | |  |  | | --- | --- | |  |  | | Response | % |
| 1 | ✔ Strongly Disagree | |  |  | | --- | --- | |  |  | | 1 | 50% |
| 2 | ✔ Disagree | |  |  | | --- | --- | |  |  | | 1 | 50% |
| 3 | ✔ Neither Agree nor Disagree | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 4 | ✔ Agree | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 5 | ✔ Strongly Agree | |  |  | | --- | --- | |  |  | | 0 | 0% |
|  | Total |  | 2 | 100% |

|  |  |
| --- | --- |
| Statistic | Value |
| Min Value | 1 |
| Max Value | 2 |
| Mean | 1.50 |
| Variance | 0.50 |
| Standard Deviation | 0.71 |
| Total Responses | 2 |

23. Please rate the difficulty of this task (adding tooltips).

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| # | Answer | |  |  | | --- | --- | |  |  | | Response | % |
| 1 | ✔ Very Difficult | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 2 | ✔ Difficult | |  |  | | --- | --- | |  |  | | 1 | 50% |
| 3 | ✔ Somewhat Difficult | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 4 | ✔ Neutral | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 5 | ✔ Somewhat Easy | |  |  | | --- | --- | |  |  | | 1 | 50% |
| 6 | ✔ Easy | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 7 | ✔ Very Easy | |  |  | | --- | --- | |  |  | | 0 | 0% |
|  | Total |  | 2 | 100% |

|  |  |
| --- | --- |
| Statistic | Value |
| Min Value | 2 |
| Max Value | 5 |
| Mean | 3.50 |
| Variance | 4.50 |
| Standard Deviation | 2.12 |
| Total Responses | 2 |

24. Please indicate elements that did not behave as you would expect? (e.g., behaviors when you click on controls)

|  |
| --- |
| Text Response |
| Select rotation is not clear |
| After the tool tip is created there is no option to edit the properties. |

|  |  |
| --- | --- |
| Statistic | Value |
| Total Responses | 2 |

25. What was visually-pleasing about the controls and overall look of the prototype? Describe in as much detail as possible.

|  |
| --- |
| Text Response |
| Everything is fine as shown. |
| The options to edit the slide after replacing it was simple, but it could use a few adjustments. |

|  |  |
| --- | --- |
| Statistic | Value |
| Total Responses | 2 |

26. Please indicate any language/text on the prototype that was unclear to you.  What was unclear?

|  |
| --- |
| Text Response |
| I did not understand replace slices meant. Percentage part is redundant. Pie chart displays %'s |
| I think that there should be an option for percentages to show up or not show up. There should also be an option for percentages to show up as a tooltip. |

|  |  |
| --- | --- |
| Statistic | Value |
| Total Responses | 2 |

27. It was easy to replace pie slices with ring charts or images on the graph.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| # | Answer | |  |  | | --- | --- | |  |  | | Response | % |
| 1 | ✔ Strongly Disagree | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 2 | ✔ Disagree | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 3 | ✔ Neither Agree nor Disagree | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 4 | ✔ Agree | |  |  | | --- | --- | |  |  | | 2 | 100% |
| 5 | ✔ Strongly Agree | |  |  | | --- | --- | |  |  | | 0 | 0% |
|  | Total |  | 2 | 100% |

|  |  |
| --- | --- |
| Statistic | Value |
| Min Value | 4 |
| Max Value | 4 |
| Mean | 4.00 |
| Variance | 0.00 |
| Standard Deviation | 0.00 |
| Total Responses | 2 |

28. How easy was it to edit, format or modify ring charts?

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| # | Answer | |  |  | | --- | --- | |  |  | | Response | % |
| 1 | ✔ Strongly Disagree | |  |  | | --- | --- | |  |  | | 1 | 50% |
| 2 | ✔ Disagree | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 3 | ✔ Neither Agree nor Disagree | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 4 | ✔ Agree | |  |  | | --- | --- | |  |  | | 1 | 50% |
| 5 | ✔ Strongly Agree | |  |  | | --- | --- | |  |  | | 0 | 0% |
|  | Total |  | 2 | 100% |

|  |  |
| --- | --- |
| Statistic | Value |
| Min Value | 1 |
| Max Value | 4 |
| Mean | 2.50 |
| Variance | 4.50 |
| Standard Deviation | 2.12 |
| Total Responses | 2 |

29. Please rate the difficulty of this task (replace pie slices with ring charts).

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| # | Answer | |  |  | | --- | --- | |  |  | | Response | % |
| 1 | ✔ Very Difficult | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 2 | ✔ Difficult | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 3 | ✔ Somewhat Difficult | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 4 | ✔ Neutral | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 5 | ✔ Somewhat Easy | |  |  | | --- | --- | |  |  | | 2 | 100% |
| 6 | ✔ Easy | |  |  | | --- | --- | |  |  | | 0 | 0% |
| 7 | ✔ Very Easy | |  |  | | --- | --- | |  |  | | 0 | 0% |
|  | Total |  | 2 | 100% |

|  |  |
| --- | --- |
| Statistic | Value |
| Min Value | 5 |
| Max Value | 5 |
| Mean | 5.00 |
| Variance | 0.00 |
| Standard Deviation | 0.00 |
| Total Responses | 2 |

30. Please indicate elements that did not behave as you would expect? (e.g., behaviors when you click on controls)

|  |
| --- |
| Text Response |
| I thought replace slices means change column within dataset to be displayed. |
| When replacing the pie slices there should be more options for example, to display or not to display percentages and to upload a file or open a preloaded image. |

|  |  |
| --- | --- |
| Statistic | Value |
| Total Responses | 2 |

31. Score

|  |  |
| --- | --- |
| Statistic | Value |
| Mean Score | 48.50 |
| Score Standard Deviation | 0.71 |
| Weighted Mean of Items | 2.94 |
| Weighted Standard Deviation of Items | 1.46 |
| Items | 33.00 |