Data Visualization Wireframes

SF Science Hack Day – October 4 & 5 2014

Input Data

Paste data or drag & drop file here

1.0

2.0 Categorize Data

Create Graph

Input Research Notes

1.0 **Input Data**
Data can be imported by pasting data cells or dragging & dropping a file into the area outlined.

2.0 subsequent sections are only expanded once the previous section is complete/verified.

Input Data

Heading 1	Heading 2	Heading 3	Heading 4

Heading 1	Heading 2	Heading 3	Heading 4
Table cell	Table cell	Table cell	Table cell
Table cell	Table cell	Table cell	Table cell
Table cell	Table cell	Table cell	Table cell
Table cell	Table cell	Table cell	Table cell
Table cell	Table cell	Table cell	Table cell

1.0 ✅   X Fields of data successfuly validated!

2.0

Categorize Data

Heading 1	**Heading 2**	**Heading 3**	**Heading 4**
Dependent ▼	Dependent ▼	Dependent ▼	Dependent ▼
Continuous ▼	Continuous ▼	Continuous ▼	Continuous ▼

1.0   **Successful Validation**
Success message displayed for 4 seconds if no errors or open issues are found in the data.

SEE FOLLOWING WIRE FOR ERROR MESSAGING.

2.0   **Categorize Data section**
Once the data is successfully inputted with NO ERRORS, the Categorize Data section expands.

Input Data

Heading 1	Heading 2	Heading 3	Heading 4
Table cell	Table cell	Table cell	Table cell
Table cell		Table cell	Table cell
Table cell	Table cell	Table cell	Table cell
Table cell	Table cell	Table cell	
Table cell	Table cell	Table cell	Table cell

1.0 ⚠️ X missing data fields found above. Please correct before proceeding.
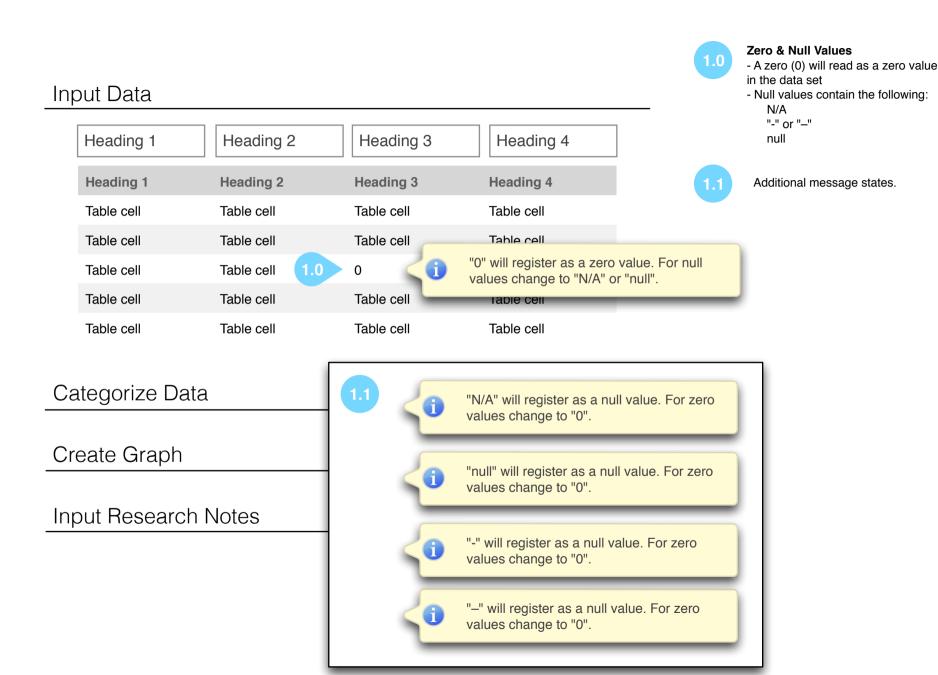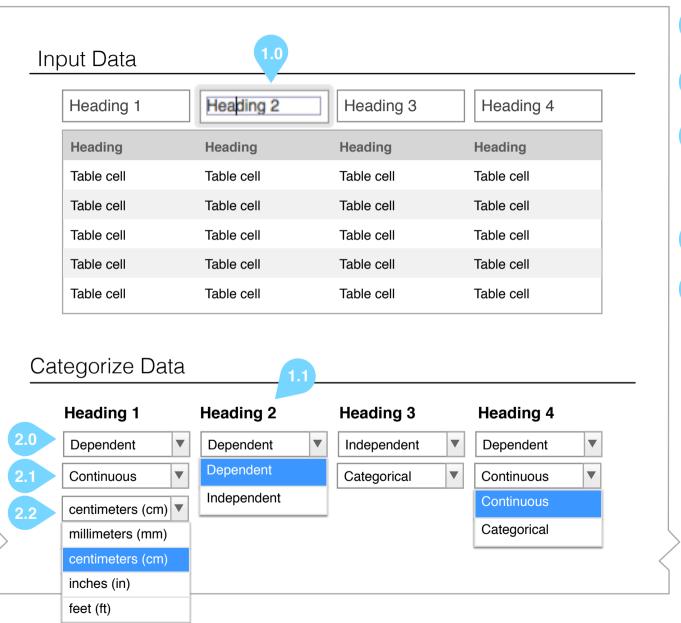
2.0 ## Categorize Data

Create Graph

1.0 **Input Error**
Input error only occurs if data fields are missing in the data set.

For null or "0" values see next wire.

2.0 Categorize Data section & beyond only expand/display once the errors have been fixed from data input.

Input Data: Null or Zero Value Messaging

Input Data

| Heading 1 | Heading 2 | Heading 3 | Heading 4 |

Heading 1	Heading 2	Heading 3	Heading 4
Table cell	Table cell	Table cell	Table cell
Table cell	Table cell	Table cell	Table cell
Table cell	Table cell	0	Table cell
Table cell	Table cell	Table cell	Table cell
Table cell	Table cell	Table cell	Table cell

1.0 **Zero & Null Values**
- A zero (0) will read as a zero value in the data set
- Null values contain the following:
  N/A
  "-" or "–"
  null

1.1 Additional message states.

1.0 ℹ "0" will register as a zero value. For null values change to "N/A" or "null".

Categorize Data

Create Graph

Input Research Notes

1.1

ℹ "N/A" will register as a null value. For zero values change to "0".

ℹ "null" will register as a null value. For zero values change to "0".

ℹ "-" will register as a null value. For zero values change to "0".

ℹ "–" will register as a null value. For zero values change to "0".

Categorize Data

Input Data

| Heading 1 | Heading 2 | Heading 3 | Heading 4 |

1.0

Heading	Heading	Heading	Heading
Table cell	Table cell	Table cell	Table cell
Table cell	Table cell	Table cell	Table cell
Table cell	Table cell	Table cell	Table cell
Table cell	Table cell	Table cell	Table cell
Table cell	Table cell	Table cell	Table cell

Categorize Data

1.1

Heading 1	Heading 2	Heading 3	Heading 4
2.0 Dependent ▼	Dependent ▼	Independent ▼	Dependent ▼
2.1 Continuous ▼	Dependent	Categorical ▼	Continuous ▼
2.2 centimeters (cm) ▼	Independent		Continuous
millimeters (mm)			Categorical
centimeters (cm)			
inches (in)			
feet (ft)			

1.0 Category headers generate from the first line of category data in the data set. Text fields are editable.

1.1 Headers below are dynamic based on the editable category header fields above.

2.0 **Dependent/Independent selectors:**
- Dependent is the default.
- If Independent is selected, second selector changes to Categorical, and Continuous becomes inactive/greyed out. (scenario doesn't exist)

2.1 **Continuous/Categorical selectors:** Continuous is the default.

2.2 **Unit of Measurement selector:** *This selector is only shown if the user selects "continuous" from the Continuous/Categorical selector above.*