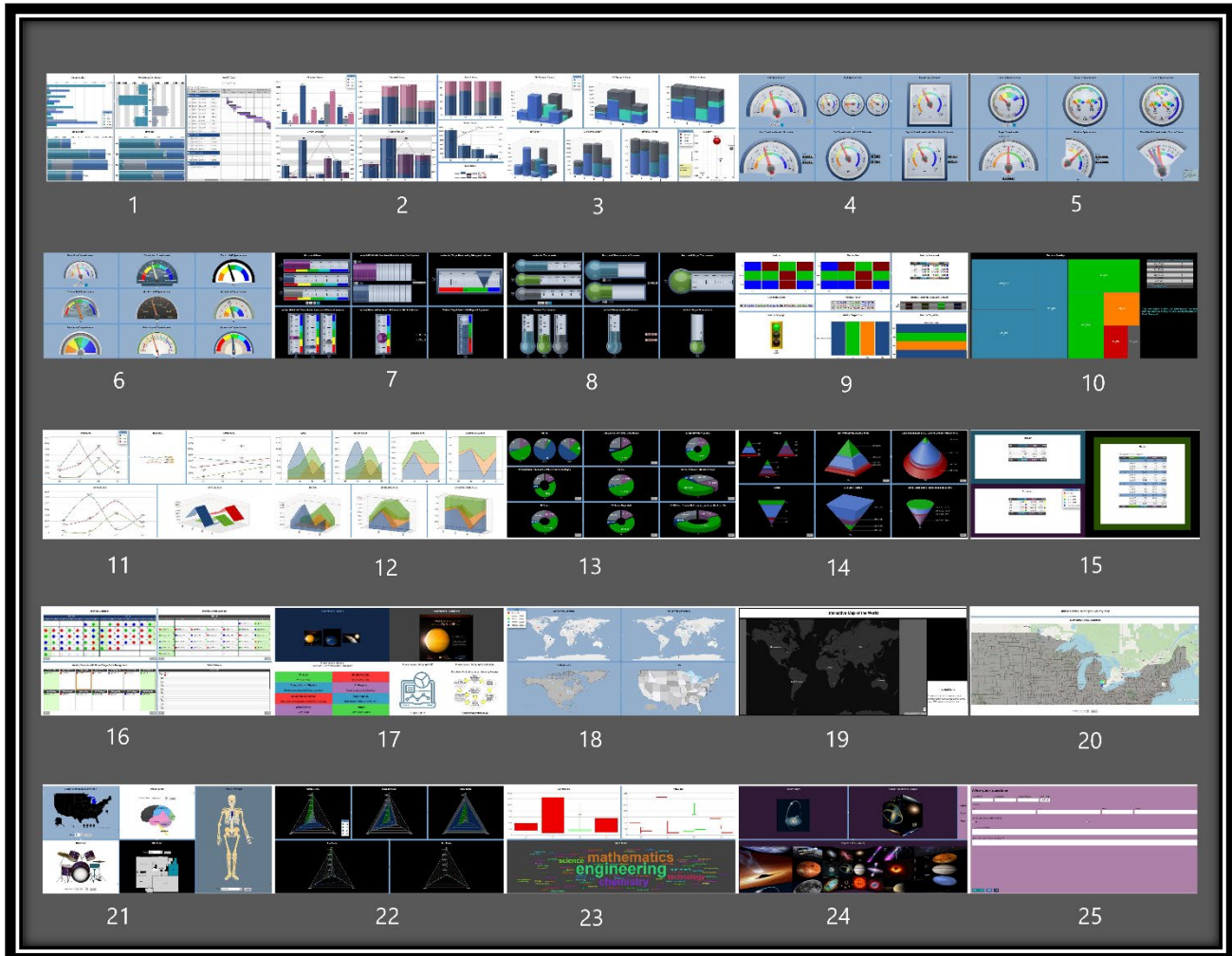


We provide 25 pre-built dashboards that can be loaded into your dashboards instance for you to use and help aid in your dashboard learning process. This will help you understand what your data should look like for each chart type. **Please Note:** This does not have full data sets, just sample data sets of each chart type.

**What Dashboards are Included?**



- |                                     |                                     |
|-------------------------------------|-------------------------------------|
| 1. Bar Charts                       | 7. Bullet Charts Thermometer Charts |
| 2. Column Charts                    | 8. Metrics Charts                   |
| 3. Column 3D Charts and 3D Bubble   | 9. Metrics Treemap                  |
| 4. Speedometers                     | 10. Line Charts                     |
| 5. Speedometer Types                | 11. Area Charts                     |
| 6. Speedometer Styles               | 12. Pie and Donut Charts            |
| 13. Pyramid, Cone and Funnel Charts | 16. Presentation Charts             |
| 14. Tabular Charts                  | 17. Maps - Image Plot               |
| 15. Calendar Charts                 | 18. Maps - GeoPlot                  |
| 19. Maps - US County                | 22. Specialty Charts                |
| 20. Maps - SVG Drawings             | 23. 3D Photo Charts                 |
| 21. Radar Charts                    | 24. Forms                           |

1. Bar Charts

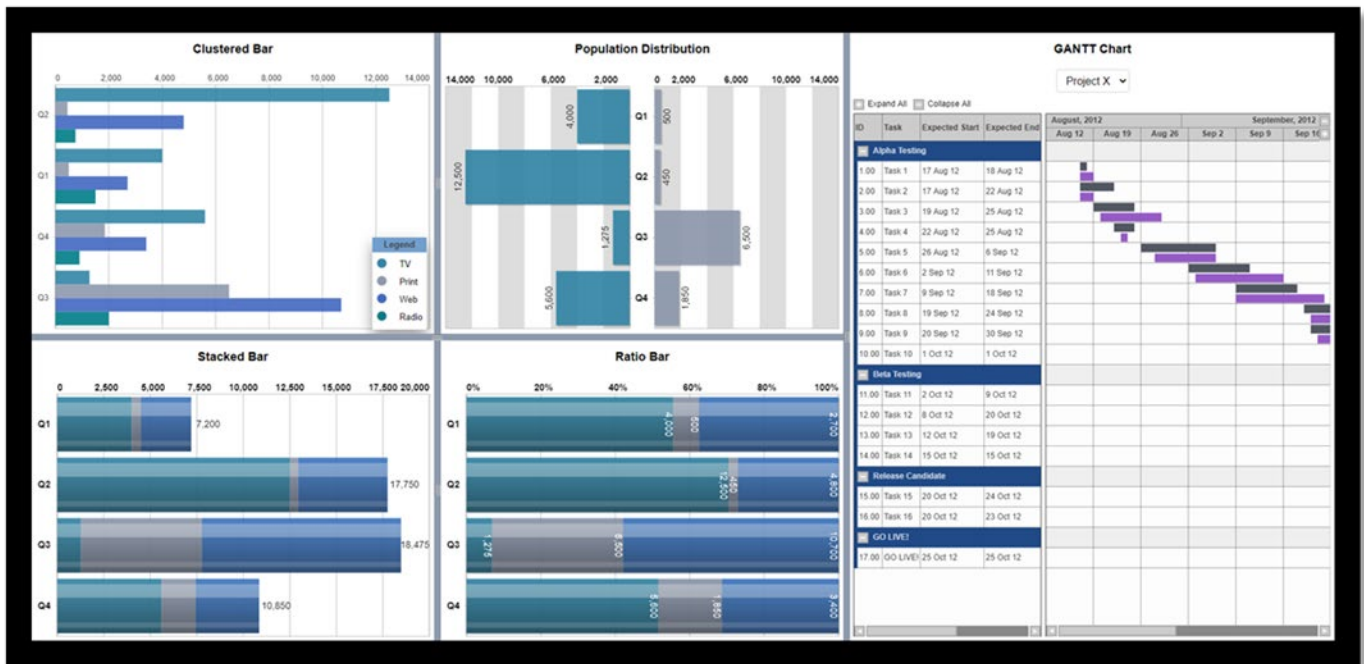
- Clustered Bar
- Population Distribution
- Stacked Bar
- Ratio Bar

x-axis	y <sub>1</sub> -axis	y <sub>2</sub> -axis	y <sub>3</sub> -axis	y <sub>4</sub> -axis
x <sub>1</sub> -value	y <sub>1</sub> -value <sub>1</sub>	y <sub>2</sub> -value <sub>1</sub>	y <sub>3</sub> -value <sub>1</sub>	y <sub>4</sub> -value <sub>1</sub>
x <sub>2</sub> -value	y <sub>1</sub> -value <sub>2</sub>	y <sub>2</sub> -value <sub>2</sub>	y <sub>3</sub> -value <sub>2</sub>	y <sub>4</sub> -value <sub>2</sub>
x <sub>3</sub> -value	y <sub>1</sub> -value <sub>3</sub>	y <sub>2</sub> -value <sub>3</sub>	y <sub>3</sub> -value <sub>3</sub>	y <sub>4</sub> -value <sub>3</sub>
x <sub>4</sub> -value	y <sub>1</sub> -value <sub>4</sub>	y <sub>2</sub> -value <sub>4</sub>	y <sub>3</sub> -value <sub>4</sub>	y <sub>4</sub> -value <sub>4</sub>

Data Format

Quarter	TV	Print	Web	Radio
Q1	4000	500	2700	1500
Q2	12500	450	4800	750
Q3	1275	6500	10700	2000
Q4	5600	1850	3400	900

Data Formatted Correctly



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Data Format

x-axis	y <sub>1</sub> -axis	y <sub>2</sub> -axis	y <sub>3</sub> -axis	y <sub>4</sub> -axis	y <sub>5</sub> -axis	y <sub>6</sub> -axis	y <sub>7</sub> -axis
x <sub>1</sub> -value	y <sub>1</sub> -value <sub>1</sub>	y <sub>2</sub> -value <sub>1</sub>	y <sub>3</sub> -value <sub>1</sub>	y <sub>4</sub> -value <sub>1</sub>	y <sub>5</sub> -value <sub>1</sub>	y <sub>6</sub> -value <sub>1</sub>	y <sub>7</sub> -value <sub>1</sub>
x <sub>2</sub> -value	y <sub>1</sub> -value <sub>2</sub>	y <sub>2</sub> -value <sub>2</sub>	y <sub>3</sub> -value <sub>2</sub>	y <sub>4</sub> -value <sub>2</sub>	y <sub>5</sub> -value <sub>2</sub>	y <sub>6</sub> -value <sub>2</sub>	y <sub>7</sub> -value <sub>2</sub>
x <sub>3</sub> -value	y <sub>1</sub> -value <sub>3</sub>	y <sub>2</sub> -value <sub>3</sub>	y <sub>3</sub> -value <sub>3</sub>	y <sub>4</sub> -value <sub>3</sub>	y <sub>5</sub> -value <sub>3</sub>	y <sub>6</sub> -value <sub>3</sub>	y <sub>7</sub> -value <sub>3</sub>
x <sub>4</sub> -value	y <sub>1</sub> -value <sub>4</sub>	y <sub>2</sub> -value <sub>4</sub>	y <sub>3</sub> -value <sub>4</sub>	y <sub>4</sub> -value <sub>4</sub>	y <sub>5</sub> -value <sub>4</sub>	y <sub>6</sub> -value <sub>4</sub>	y <sub>7</sub> -value <sub>4</sub>

Data Formatted Correctly

ID	Phase	Task	Expected Start	Expected End	Actual Start	Actual End	Project
1	Alpha Testing	Task 1	2022-06-01	2022-07-01	2022-06-01	2022-06-30	Project X
2	Beta Testing	Task 2	2022-07-01	2022-08-01	2022-07-01	2022-08-05	Project X
3	Release	Task 3	2022-08-01	2022-08-30	2022-08-06	2022-08-31	Project X
4	Go Live	Task 4	2022-09-01	2022-09-01			Project X



2. Column Charts

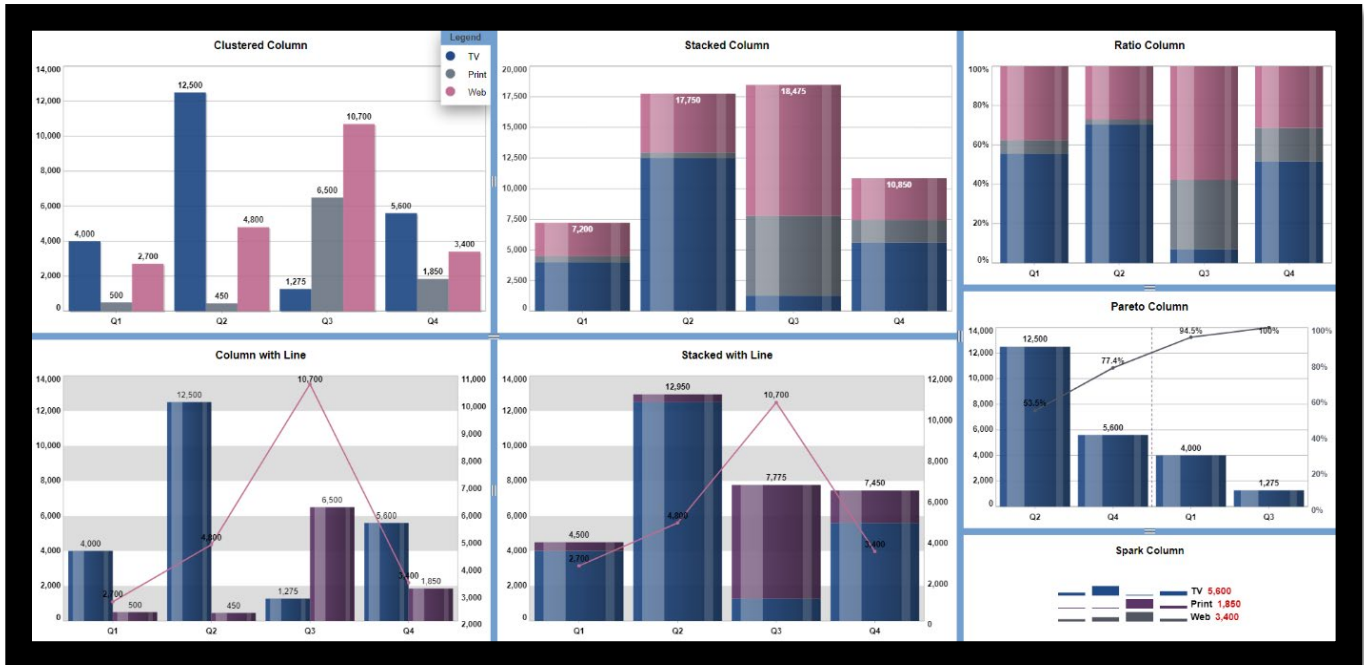
- Clustered Column
- Column with Line
- Pareto Column
- Ratio Column
- Spark Column
- Stacked Column
- Stacked Column with Line
- Ratio Column
- Pareto Column
- Spark Column

Data Format

x-axis	y <sub>1</sub> -axis	y <sub>2</sub> -axis	y <sub>3</sub> -axis
x <sub>1</sub> -value	y <sub>1</sub> -value <sub>1</sub>	y <sub>2</sub> -value <sub>1</sub>	y <sub>3</sub> -value <sub>1</sub>
x <sub>2</sub> -value	y <sub>1</sub> -value <sub>2</sub>	y <sub>2</sub> -value <sub>2</sub>	y <sub>3</sub> -value <sub>2</sub>
x <sub>3</sub> -value	y <sub>1</sub> -value <sub>3</sub>	y <sub>2</sub> -value <sub>3</sub>	y <sub>3</sub> -value <sub>3</sub>
x <sub>4</sub> -value	y <sub>1</sub> -value <sub>4</sub>	y <sub>2</sub> -value <sub>4</sub>	y <sub>3</sub> -value <sub>4</sub>

Data Formatted Correctly

Quarter	TV	Print	Web
Q1	4000	500	2700
Q2	12500	450	4800
Q3	1275	6500	10700
Q4	5600	1850	3400



3. Column 3D Charts and 3D Bubble

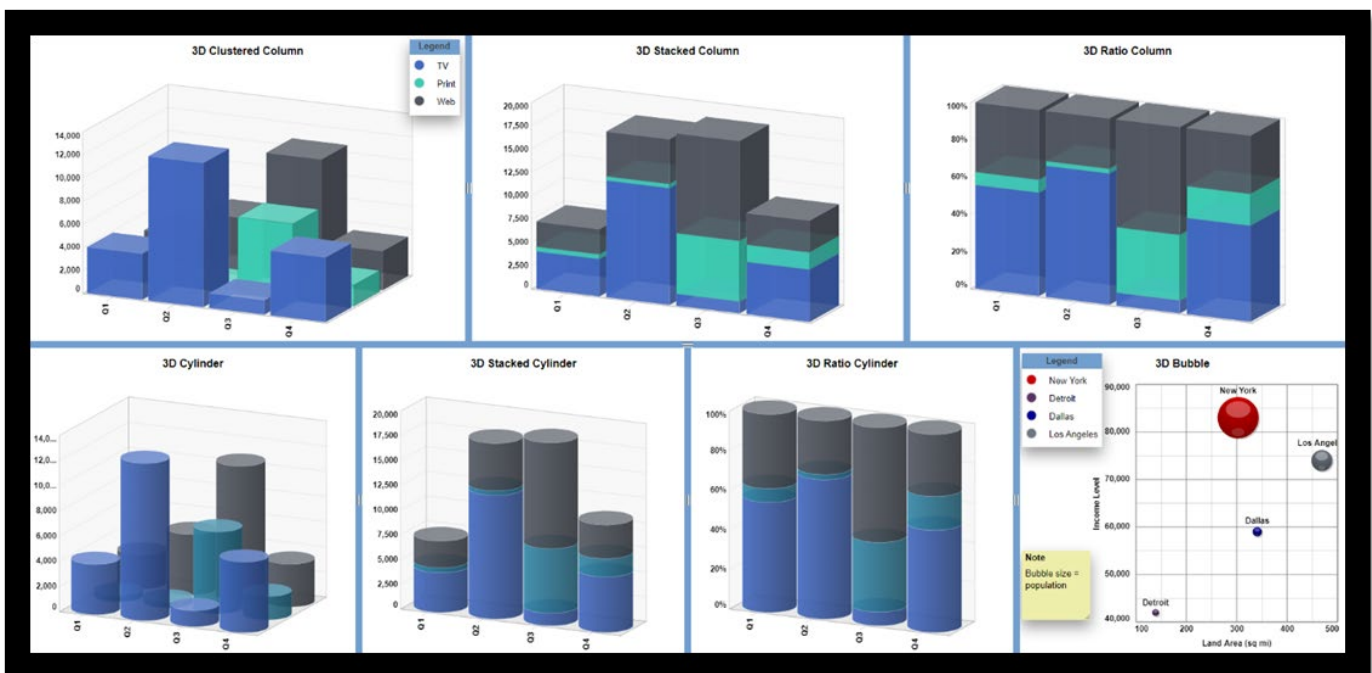
- 3D Clustered Column
- 3D Cylinder
- 3D Ratio Column
- 3D Ratio Cylinder
- 3D Stacked Column
- 3D Stacked Cylinder

x-axis	y <sub>1</sub> -axis	y <sub>2</sub> -axis	y <sub>3</sub> -axis	y <sub>4</sub> -axis
x <sub>1</sub> -value	y <sub>1</sub> -value <sub>1</sub>	y <sub>2</sub> -value <sub>1</sub>	y <sub>3</sub> -value <sub>1</sub>	y <sub>4</sub> -value <sub>1</sub>
x <sub>2</sub> -value	y <sub>1</sub> -value <sub>2</sub>	y <sub>2</sub> -value <sub>2</sub>	y <sub>3</sub> -value <sub>2</sub>	y <sub>4</sub> -value <sub>2</sub>
x <sub>3</sub> -value	y <sub>1</sub> -value <sub>3</sub>	y <sub>2</sub> -value <sub>3</sub>	y <sub>3</sub> -value <sub>3</sub>	y <sub>4</sub> -value <sub>3</sub>
x <sub>4</sub> -value	y <sub>1</sub> -value <sub>4</sub>	y <sub>2</sub> -value <sub>4</sub>	y <sub>3</sub> -value <sub>4</sub>	y <sub>4</sub> -value <sub>4</sub>

Data Format

Quarter	TV	Print	Web	Radio
Q1	4000	500	2700	1500
Q2	12500	450	4800	750
Q3	1275	6500	10700	2000
Q4	5600	1850	3400	900

Data Formatted Correctly



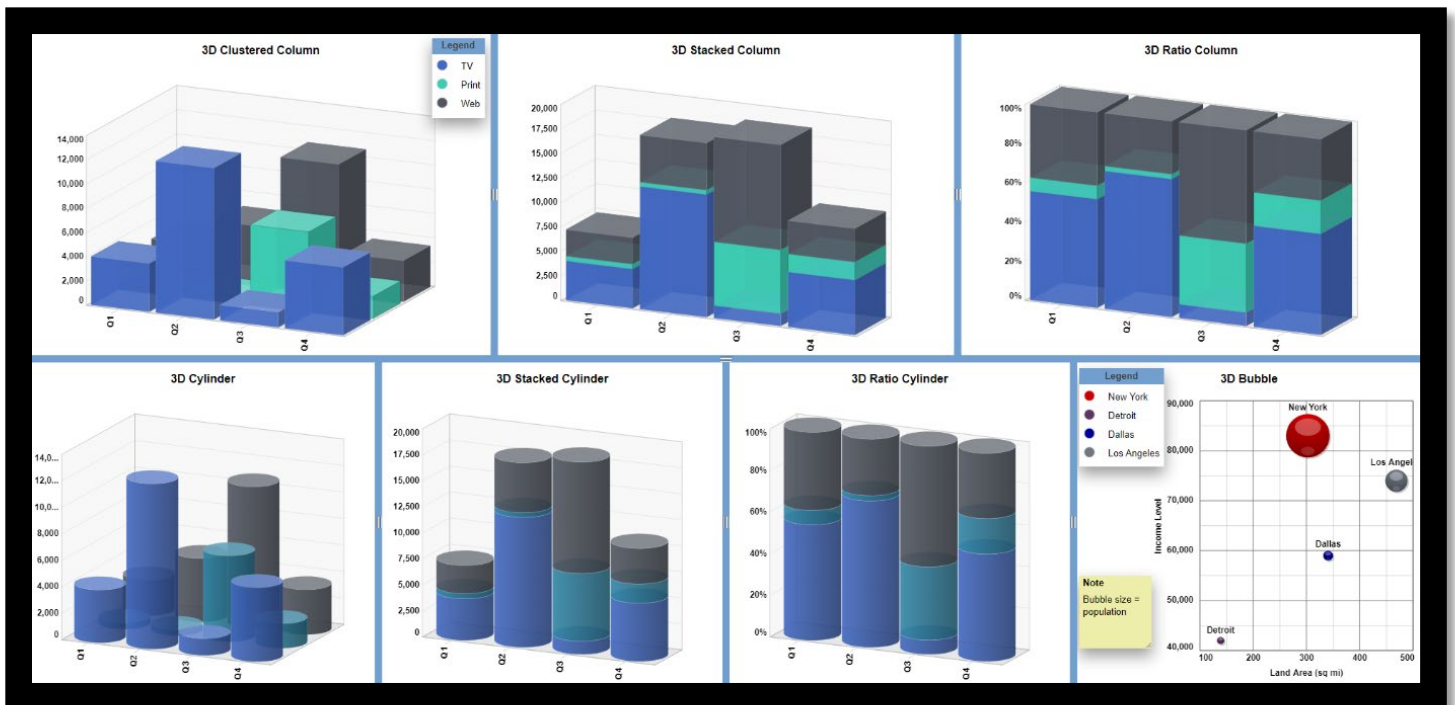
- 3D Bubble

Data Format

Data Formatted Correctly

x-axis	y <sub>1</sub> -axis	y <sub>2</sub> -axis	y <sub>3</sub> -axis
x <sub>1</sub> -value	y <sub>1</sub> -value <sub>1</sub>	y <sub>2</sub> -value <sub>1</sub>	y <sub>3</sub> -value <sub>1</sub>
x <sub>2</sub> -value	y <sub>1</sub> -value <sub>2</sub>	y <sub>2</sub> -value <sub>2</sub>	y <sub>3</sub> -value <sub>2</sub>
x <sub>3</sub> -value	y <sub>1</sub> -value <sub>3</sub>	y <sub>2</sub> -value <sub>3</sub>	y <sub>3</sub> -value <sub>3</sub>
x <sub>4</sub> -value	y <sub>1</sub> -value <sub>4</sub>	y <sub>2</sub> -value <sub>4</sub>	y <sub>3</sub> -value <sub>4</sub>

City	Area (mi <sup>2</sup> )	Income	Population
New York	302.6	83000	8336697
Detroit	138.8	42000	701475
Dallas	340.5	59000	1241162
Los Angeles	468.7	74000	3857799



4. Speedometers

- Half Speedometer
- Full Speedometer
- Square Speedometer
- Half Speedometer with Odometer
- Full Speedometer with LCD Odometer
- Square Speedometer with Calculator Odometer

x-axis	y <sub>1</sub> -axis	y <sub>2</sub> -axis	y <sub>3</sub> -axis	y <sub>4</sub> -axis
x <sub>1</sub> -value	y <sub>1</sub> -value <sub>1</sub>	y <sub>2</sub> -value <sub>1</sub>	y <sub>3</sub> -value <sub>1</sub>	y <sub>4</sub> -value <sub>1</sub>
x <sub>2</sub> -value	y <sub>1</sub> -value <sub>2</sub>	y <sub>2</sub> -value <sub>2</sub>	y <sub>3</sub> -value <sub>2</sub>	y <sub>4</sub> -value <sub>2</sub>
x <sub>3</sub> -value	y <sub>1</sub> -value <sub>3</sub>	y <sub>2</sub> -value <sub>3</sub>	y <sub>3</sub> -value <sub>3</sub>	y <sub>4</sub> -value <sub>3</sub>
x <sub>4</sub> -value	y <sub>1</sub> -value <sub>4</sub>	y <sub>2</sub> -value <sub>4</sub>	y <sub>3</sub> -value <sub>4</sub>	y <sub>4</sub> -value <sub>4</sub>

Data Format

Quarter	TV	Print	Web	Radio
Q1	4000	500	2700	1500
Q2	12500	450	4800	750
Q3	1275	6500	10700	2000
Q4	5600	1850	3400	900

Data Formatted Correctly



5. Speedometer Types

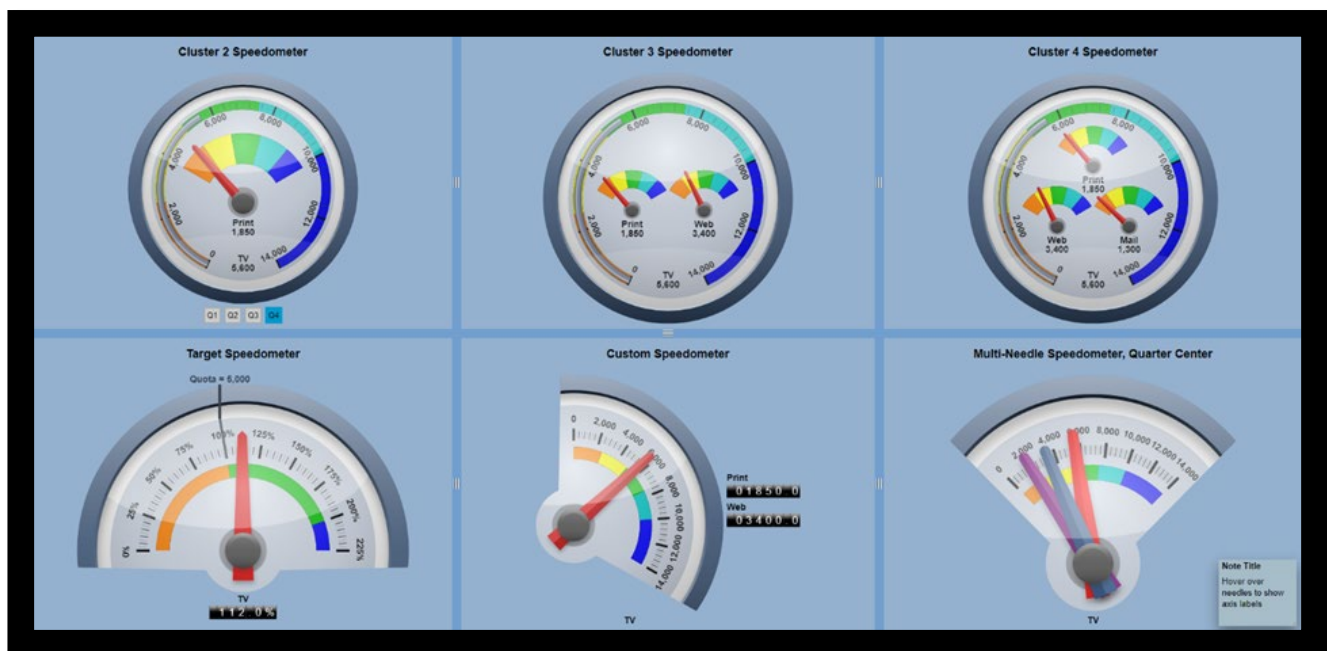
- Cluster 2 Speedometer
- Cluster 3 Speedometer
- Cluster 4 Speedometer
- Custom Speedometer
- Multi-Needle Speedometer

x-axis	y1-axis	y2-axis	y3-axis	y4-axis
x1-value	y1-value1	y2-value1	y3-value1	y4-value1
x2-value	y1-value2	y2-value2	y3-value2	y4-value2
x3-value	y1-value3	y2-value3	y3-value3	y4-value3
x4-value	y1-value4	y2-value4	y3-value4	y4-value4

Data Format

Quarter	TV	Print	Web	Radio
Q1	4000	500	2700	1500
Q2	12500	450	4800	750
Q3	1275	6500	10700	2000
Q4	5600	1850	3400	900

Data Formatted Correctly





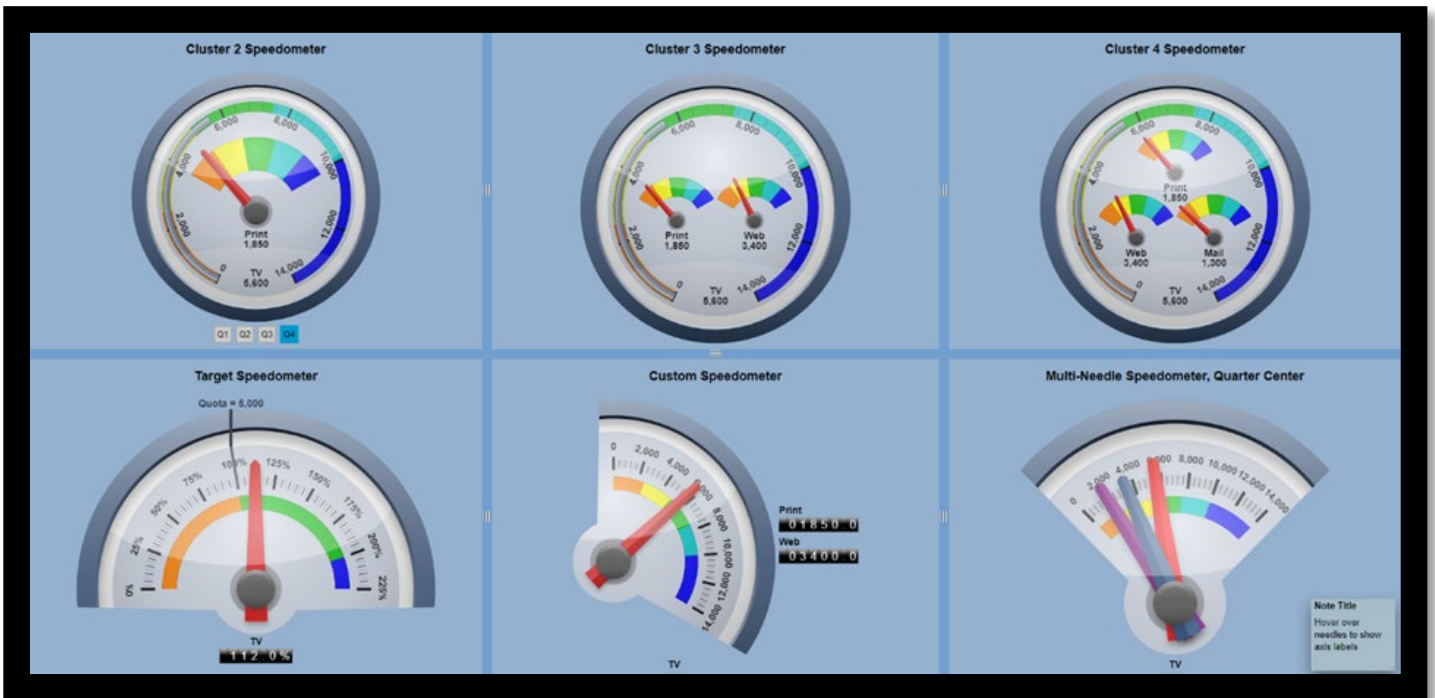
- Target Speedometer

Data Format

x-axis	y <sub>1</sub> -axis	y <sub>2</sub> -axis
x <sub>1</sub> -value	y <sub>1</sub> -value <sub>1</sub>	y <sub>2</sub> -value <sub>1</sub>
x <sub>2</sub> -value	y <sub>1</sub> -value <sub>2</sub>	y <sub>2</sub> -value <sub>2</sub>
x <sub>3</sub> -value	y <sub>1</sub> -value <sub>3</sub>	y <sub>2</sub> -value <sub>3</sub>
x <sub>4</sub> -value	y <sub>1</sub> -value <sub>4</sub>	y <sub>2</sub> -value <sub>4</sub>

Data Formatted Correctly

Quarter	Quota	TV
Q1	5000	4000
Q2	10000	12500
Q3	10000	1275
Q4	5000	5600



6. Speedometer Styles

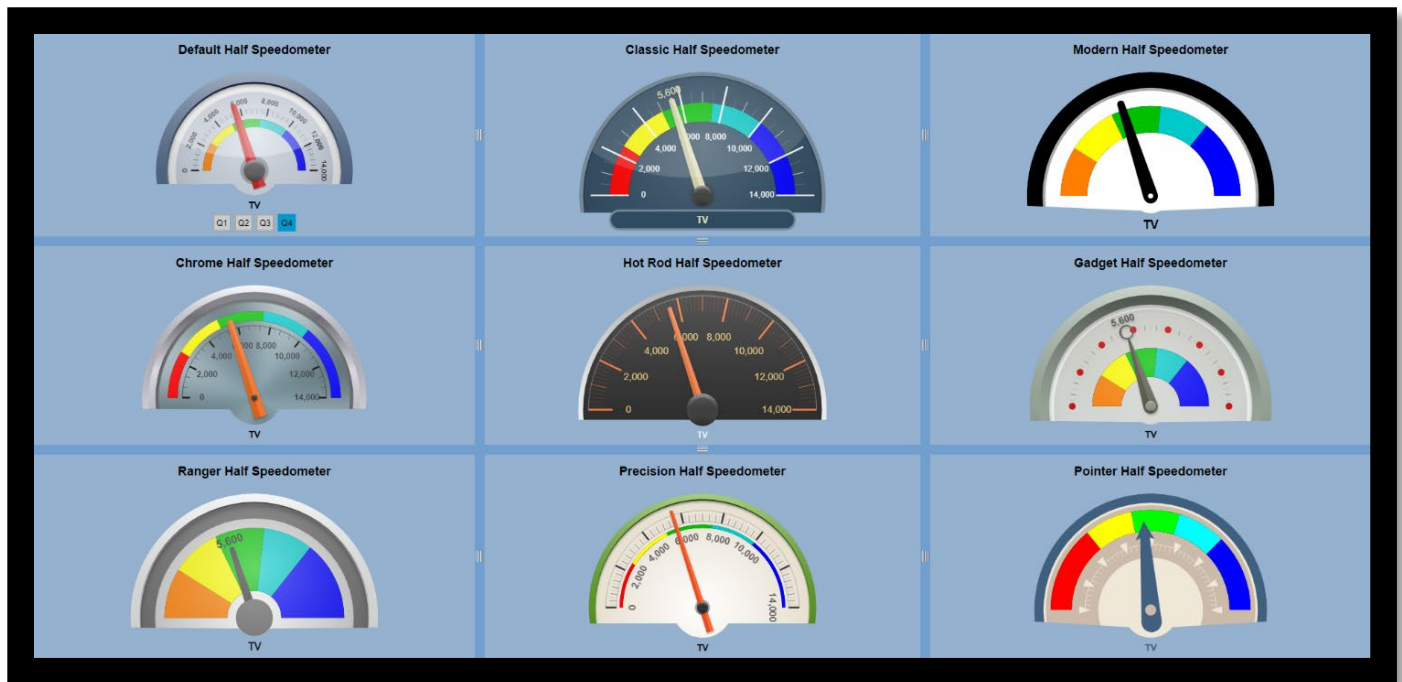
- Default Half Speedometer
- Classic Half Speedometer
- Modern Half Speedometer
- Chrome Half Speedometer
- Hot Rod Half Speedometer
- Gadget Half Speedometer
- Ranger Half Speedometer
- Precision Half Speedometer
- Pointer Half Speedometer

Data Format

x-axis	y <sub>1</sub> -axis
x <sub>1</sub> -value	y <sub>1</sub> -value <sub>1</sub>
x <sub>2</sub> -value	y <sub>1</sub> -value <sub>2</sub>
x <sub>3</sub> -value	y <sub>1</sub> -value <sub>3</sub>
x <sub>4</sub> -value	y <sub>1</sub> -value <sub>4</sub>

Data Formatted Correctly

Quarter	TV
Q1	4000
Q2	12500
Q3	1275
Q4	5600



7. Bullet Charts

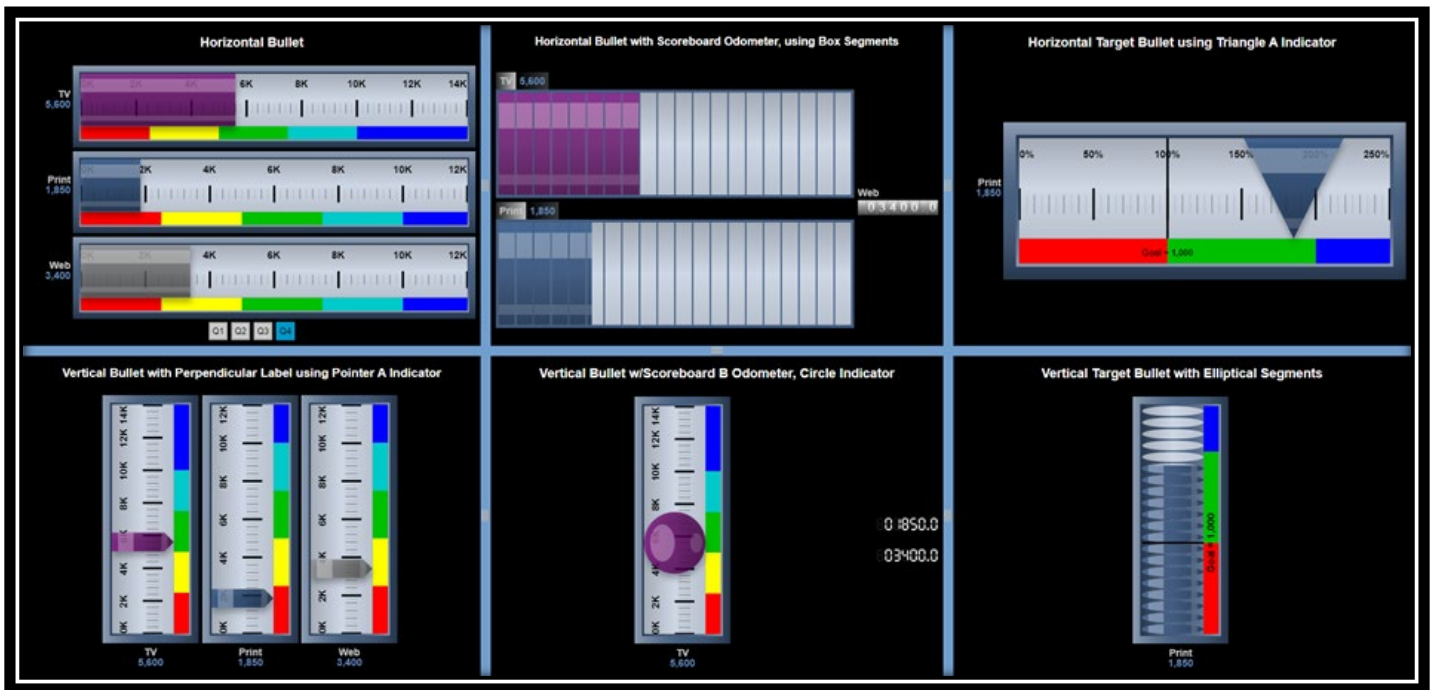
- Horizontal Bullet
- Horizontal Bullet Using Box Segments
- Vertical Bullet Using Pointer A Indicator
- Vertical Bullet Using Circle Indicator

x-axis	y1-axis	y2-axis	y3-axis
x1-value	y1-value1	y2-value1	y3-value1
x2-value	y1-value2	y2-value2	y3-value2
x3-value	y1-value3	y2-value3	y3-value3
x4-value	y1-value4	y2-value4	y3-value4

Data Format

Quarter	TV	Print	Web
Q1	4000	500	2700
Q2	12500	450	4800
Q3	1275	6500	10700
Q4	5600	1850	3400

Data Formatted Correctly



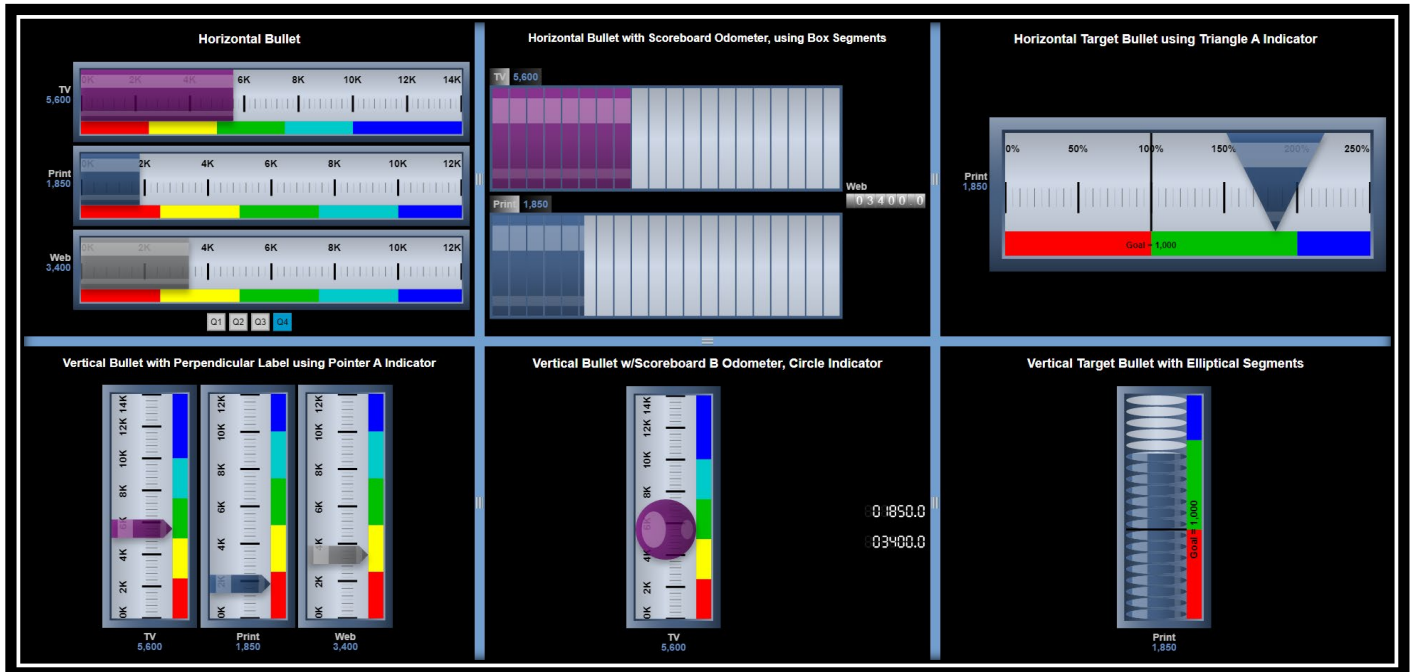
- Horizontal Target Bullet Using Triangle A Indicator
- Vertical Target Bullet Using Elliptical Segments

Data Format

x-axis	y <sub>1</sub> -axis	y <sub>2</sub> -axis
x <sub>1</sub> -value	y <sub>1</sub> -value <sub>1</sub>	y <sub>2</sub> -value <sub>1</sub>
x <sub>2</sub> -value	y <sub>1</sub> -value <sub>2</sub>	y <sub>2</sub> -value <sub>2</sub>
x <sub>3</sub> -value	y <sub>1</sub> -value <sub>3</sub>	y <sub>2</sub> -value <sub>3</sub>
x <sub>4</sub> -value	y <sub>1</sub> -value <sub>4</sub>	y <sub>2</sub> -value <sub>4</sub>

Data Formatted Correctly

Quarter	Quota	TV
Q1	5000	4000
Q2	10000	12500
Q3	10000	1275
Q4	5000	5600



8. Thermometer Charts

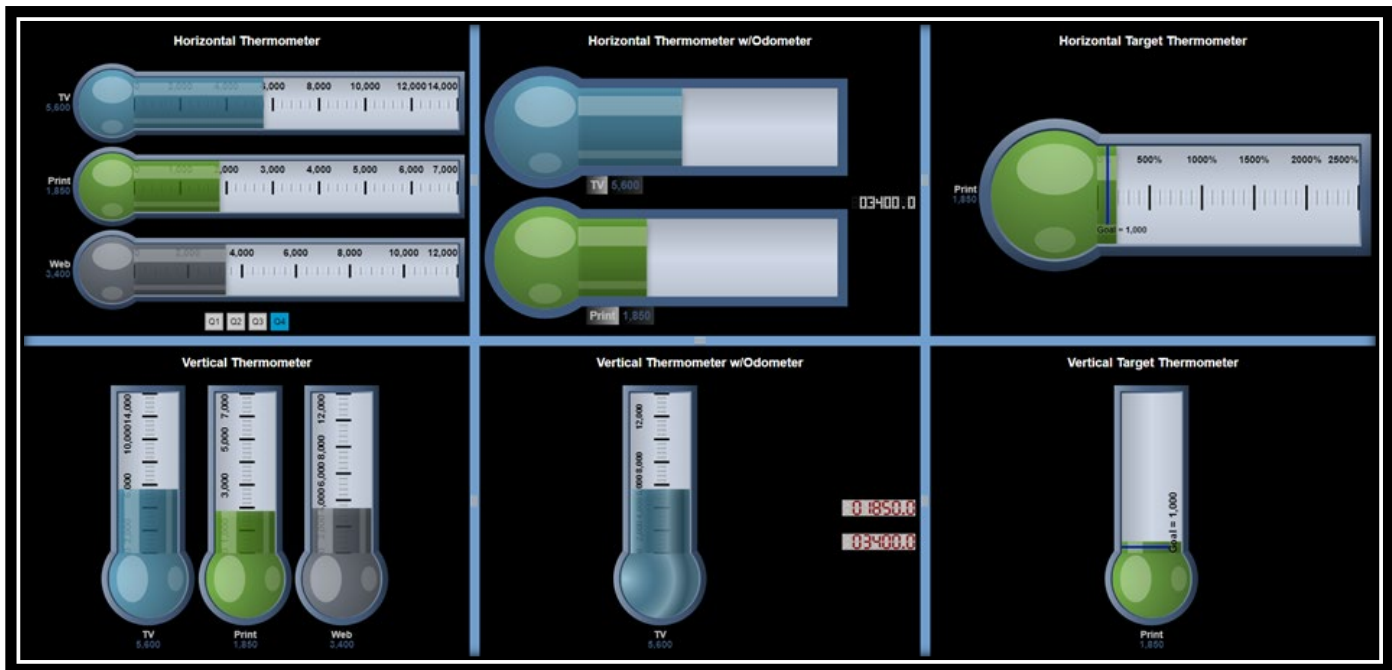
- Vertical Thermometer
- Horizontal Thermometer
- Vertical Thermometer with Odometer
- Horizontal Thermometer with Odometer

Data Format

x-axis	y <sub>1</sub> -axis	y <sub>2</sub> -axis	y <sub>3</sub> -axis
x <sub>1</sub> -value	y <sub>1</sub> -value <sub>1</sub>	y <sub>2</sub> -value <sub>1</sub>	y <sub>3</sub> -value <sub>1</sub>
x <sub>2</sub> -value	y <sub>1</sub> -value <sub>2</sub>	y <sub>2</sub> -value <sub>2</sub>	y <sub>3</sub> -value <sub>2</sub>
x <sub>3</sub> -value	y <sub>1</sub> -value <sub>3</sub>	y <sub>2</sub> -value <sub>3</sub>	y <sub>3</sub> -value <sub>3</sub>
x <sub>4</sub> -value	y <sub>1</sub> -value <sub>4</sub>	y <sub>2</sub> -value <sub>4</sub>	y <sub>3</sub> -value <sub>4</sub>

Data Formatted Correctly

Quarter	TV	Print	Web
Q1	4000	500	2700
Q2	12500	450	4800
Q3	1275	6500	10700
Q4	5600	1850	3400



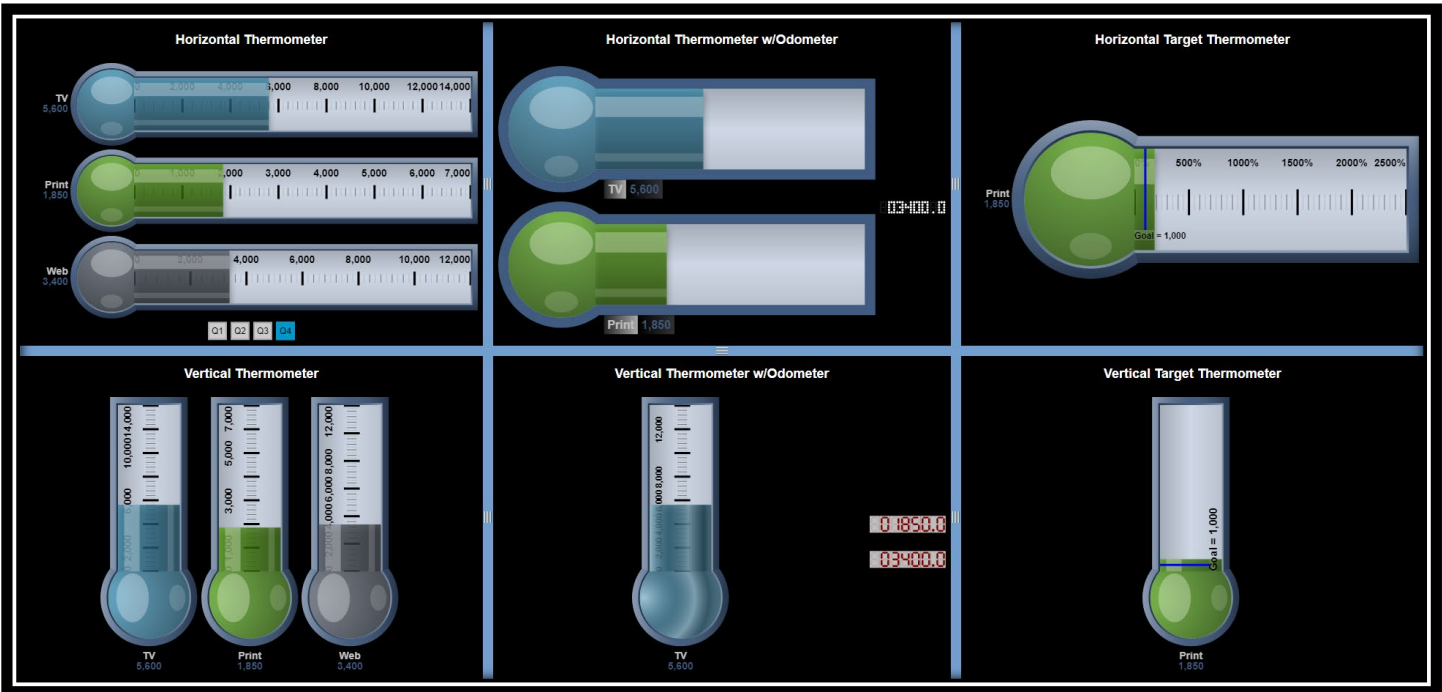
- Vertical Target Thermometer
- Horizontal Target Thermometer

Data Format

x-axis	y <sub>1</sub> -axis	y <sub>2</sub> -axis
x <sub>1</sub> -value	y <sub>1</sub> -value <sub>1</sub>	y <sub>2</sub> -value <sub>1</sub>
x <sub>2</sub> -value	y <sub>1</sub> -value <sub>2</sub>	y <sub>2</sub> -value <sub>2</sub>
x <sub>3</sub> -value	y <sub>1</sub> -value <sub>3</sub>	y <sub>2</sub> -value <sub>3</sub>
x <sub>4</sub> -value	y <sub>1</sub> -value <sub>4</sub>	y <sub>2</sub> -value <sub>4</sub>

Data Formatted Correctly

Quarter	Goal	Print
Q1	1000	500
Q2	1000	450
Q3	1000	2500
Q4	1000	1850



9. Metrics Charts

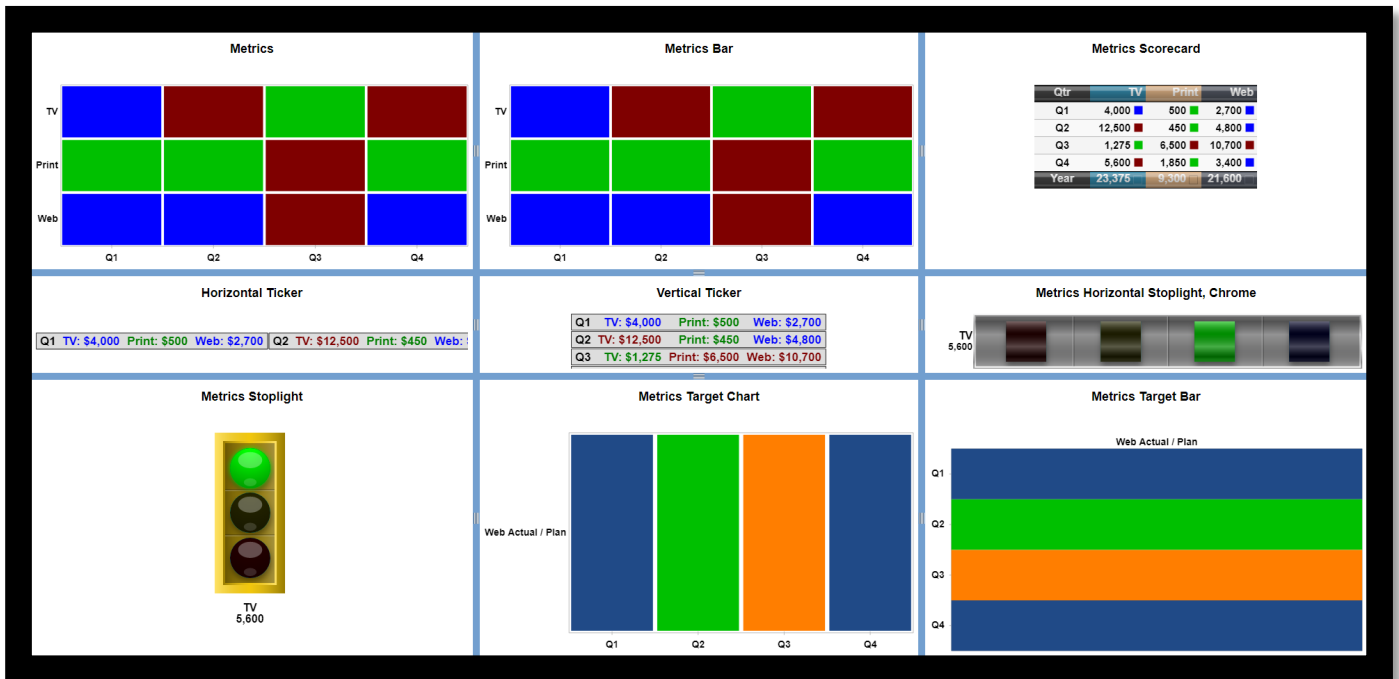
- Metrics
- Metrics Bar
- Metrics Scorecard
- Horizontal Ticker
- Vertical Ticker
- Metrics Horizontal Chrome Stoplight
- Metrics Stoplight

x-axis	y <sub>1</sub> -axis	y <sub>2</sub> -axis	y <sub>3</sub> -axis
x <sub>1</sub> -value	y <sub>1</sub> -value <sub>1</sub>	y <sub>2</sub> -value <sub>1</sub>	y <sub>3</sub> -value <sub>1</sub>
x <sub>2</sub> -value	y <sub>1</sub> -value <sub>2</sub>	y <sub>2</sub> -value <sub>2</sub>	y <sub>3</sub> -value <sub>2</sub>
x <sub>3</sub> -value	y <sub>1</sub> -value <sub>3</sub>	y <sub>2</sub> -value <sub>3</sub>	y <sub>3</sub> -value <sub>3</sub>
x <sub>4</sub> -value	y <sub>1</sub> -value <sub>4</sub>	y <sub>2</sub> -value <sub>4</sub>	y <sub>3</sub> -value <sub>4</sub>

Data Format

Quarter	TV	Print	Web
Q1	4000	500	2700
Q2	12500	450	4800
Q3	1275	6500	10700
Q4	5600	1850	3400

Data Formatted Correctly



- Metrics Target

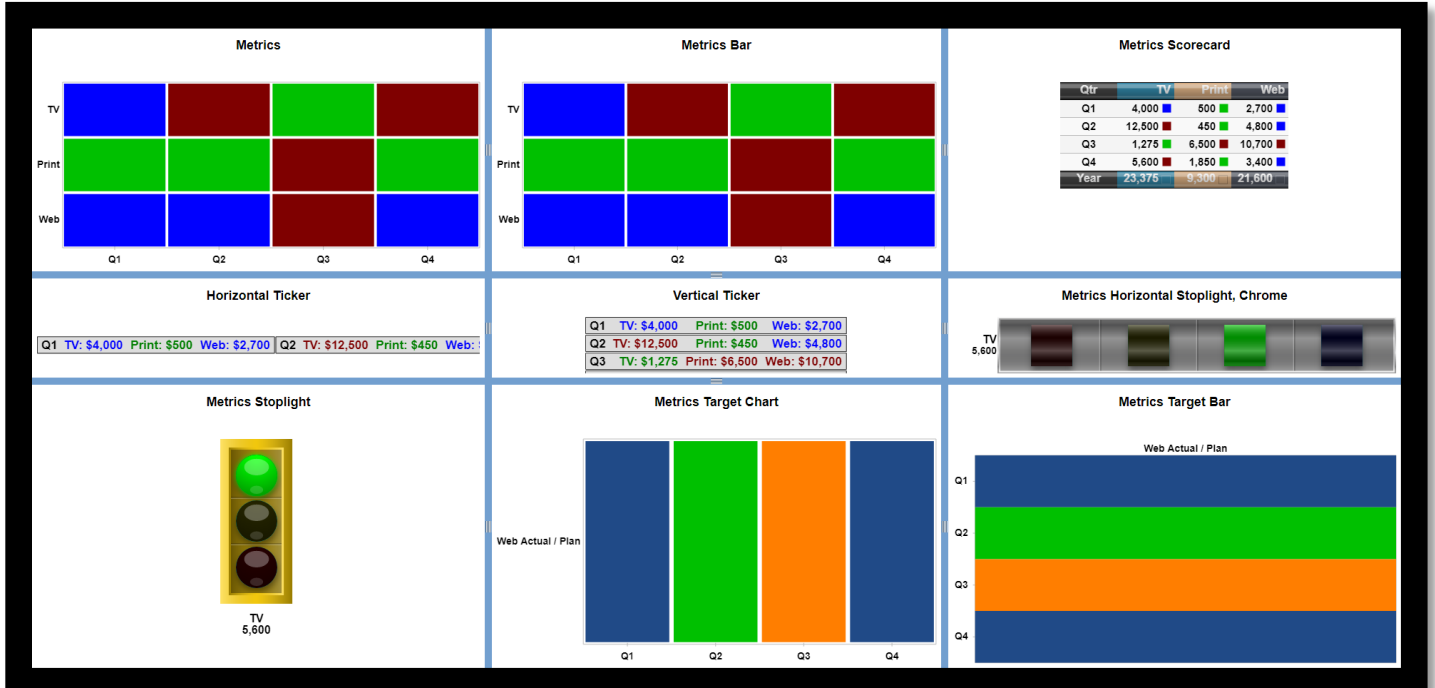
- Metrics Target Bar

Data Format

Data Formatted Correctly

x-axis	y <sub>1</sub> -axis	y <sub>2</sub> -axis
x <sub>1</sub> -value	y <sub>1</sub> -value <sub>1</sub>	y <sub>2</sub> -value <sub>1</sub>
x <sub>2</sub> -value	y <sub>1</sub> -value <sub>2</sub>	y <sub>2</sub> -value <sub>2</sub>
x <sub>3</sub> -value	y <sub>1</sub> -value <sub>3</sub>	y <sub>2</sub> -value <sub>3</sub>
x <sub>4</sub> -value	y <sub>1</sub> -value <sub>4</sub>	y <sub>2</sub> -value <sub>4</sub>

Quarter	Plan	Actual
Q1	2600	2700
Q2	4900	4800
Q3	10000	20700
Q4	3000	3400





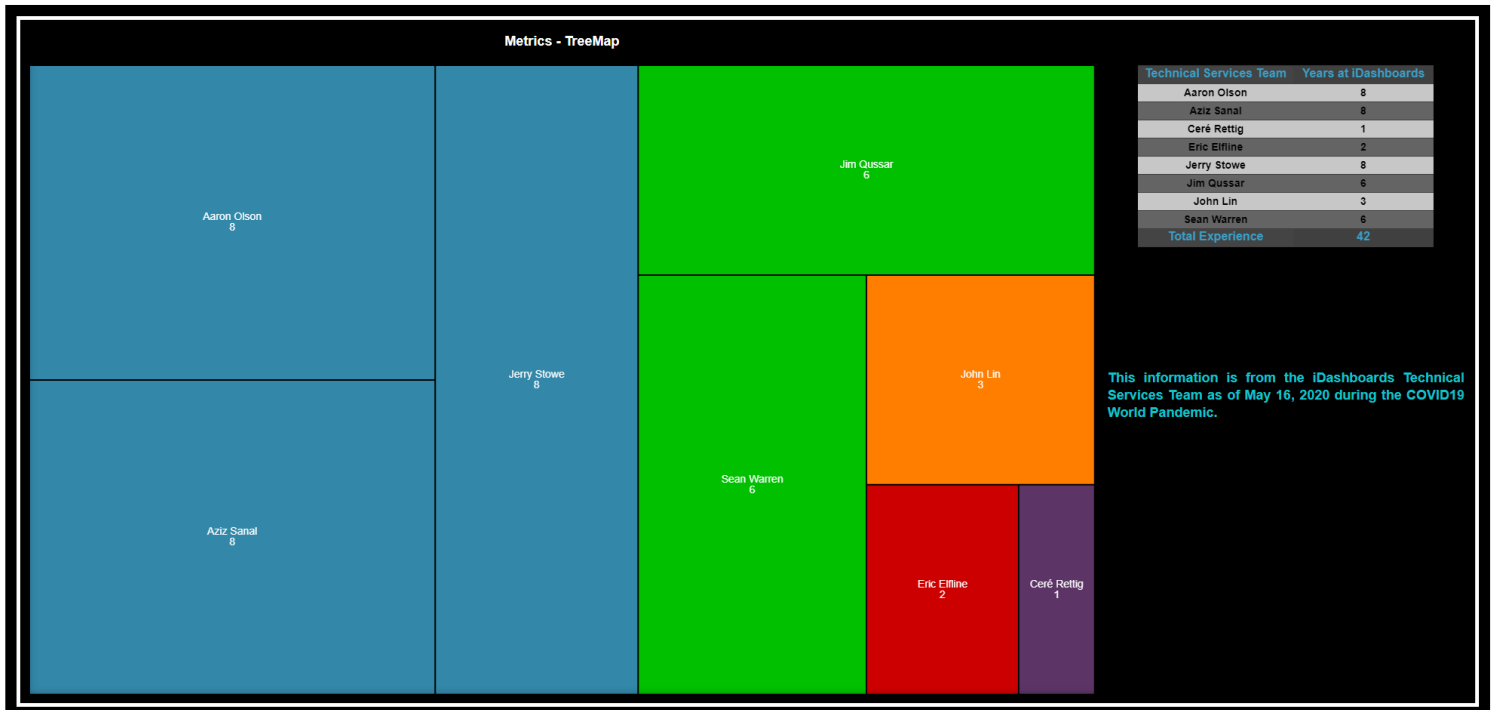
- Metrics Treemap

Data Format

x-axis	y <sub>1</sub> -axis
x <sub>1</sub> -value	y <sub>1</sub> -value <sub>1</sub>
x <sub>2</sub> -value	y <sub>1</sub> -value <sub>2</sub>
x <sub>3</sub> -value	y <sub>1</sub> -value <sub>3</sub>
x <sub>4</sub> -value	y <sub>1</sub> -value <sub>4</sub>
x <sub>5</sub> -value	y <sub>1</sub> -value <sub>5</sub>
x <sub>6</sub> -value	y <sub>1</sub> -value <sub>6</sub>

Data Formatted Correctly

TS Team	Years
Aaron Olson	10
Aziz Sanal	10
Ceré Rettig	3
Eric Elfline	4
Jim Qussar	8
John Lin	5



10. Line Charts

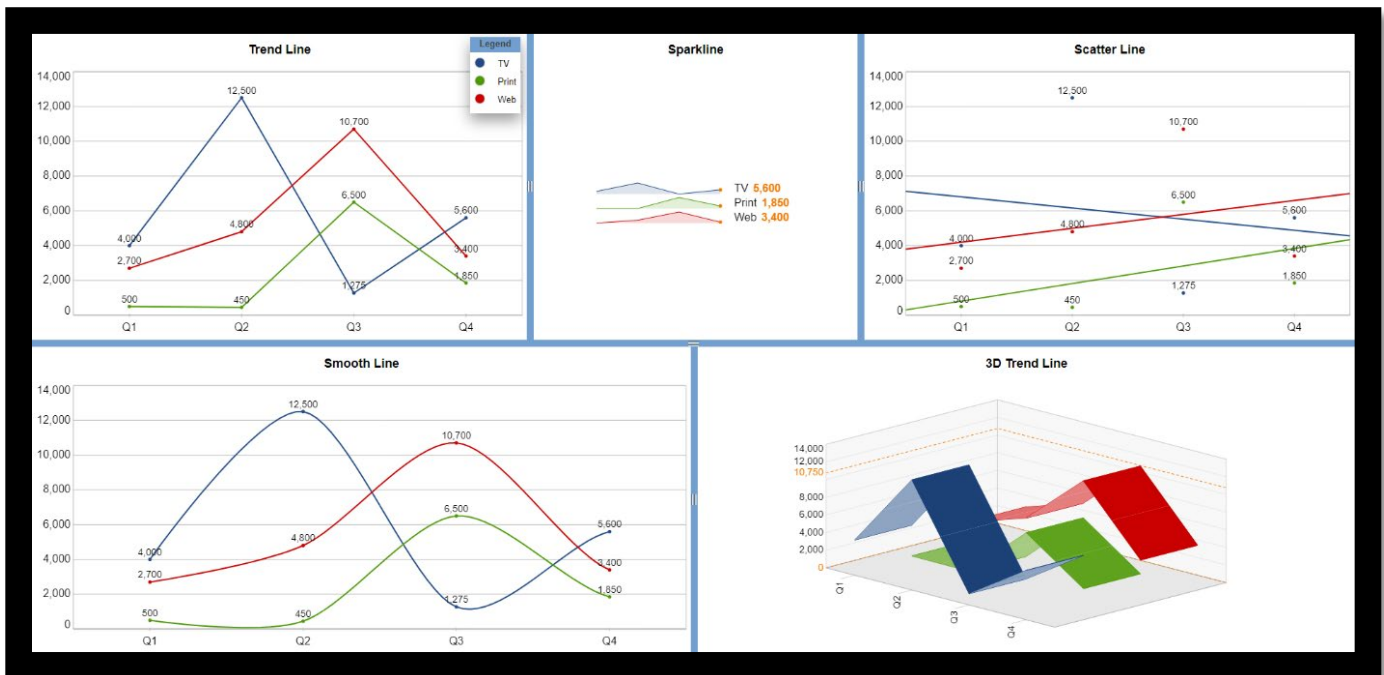
- Trend Line
- Sparkline
- Scatter Line
- Smooth Line
- 3D Trend Line

x-axis	y <sub>1</sub> -axis	y <sub>2</sub> -axis	y <sub>3</sub> -axis
x <sub>1</sub> -value	y <sub>1</sub> -value <sub>1</sub>	y <sub>2</sub> -value <sub>1</sub>	y <sub>3</sub> -value <sub>1</sub>
x <sub>2</sub> -value	y <sub>1</sub> -value <sub>2</sub>	y <sub>2</sub> -value <sub>2</sub>	y <sub>3</sub> -value <sub>2</sub>
x <sub>3</sub> -value	y <sub>1</sub> -value <sub>3</sub>	y <sub>2</sub> -value <sub>3</sub>	y <sub>3</sub> -value <sub>3</sub>
x <sub>4</sub> -value	y <sub>1</sub> -value <sub>4</sub>	y <sub>2</sub> -value <sub>4</sub>	y <sub>3</sub> -value <sub>4</sub>

Data Format

Quarter	TV	Print	Web
Q1	4000	500	2700
Q2	12500	450	4800
Q3	1275	6500	10700
Q4	5600	1850	3400

Data Formatted Correctly



11. Area Charts

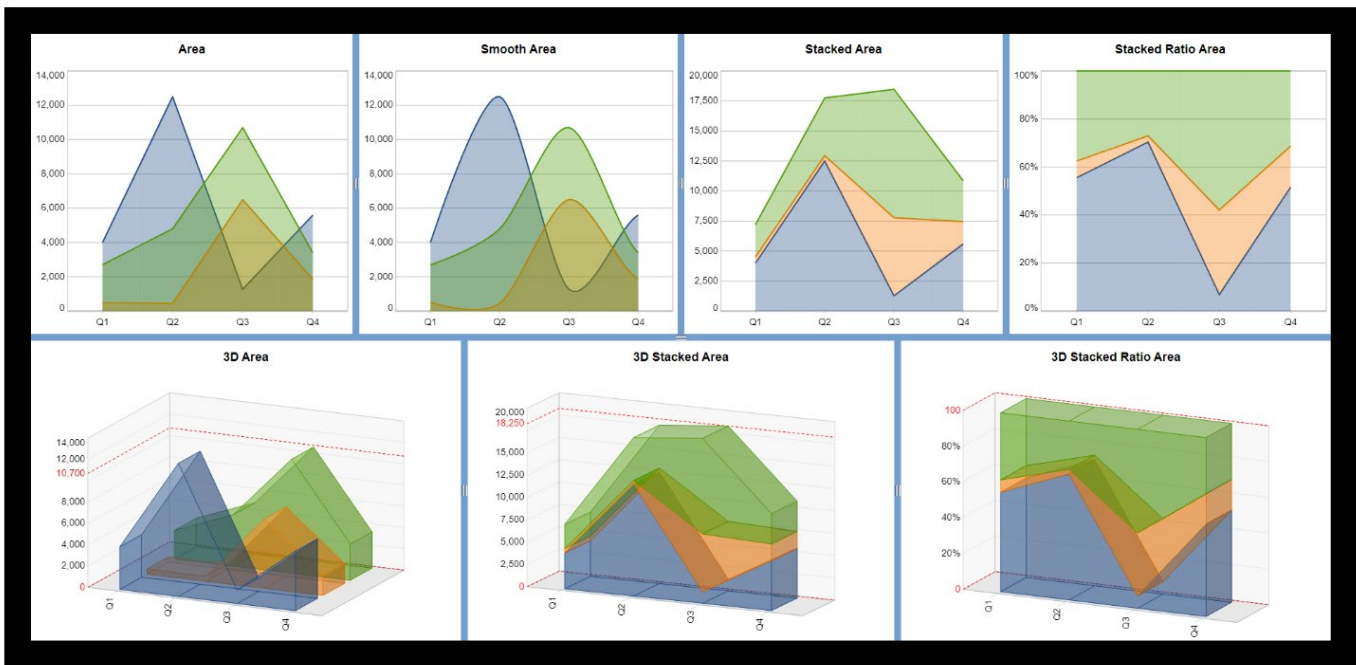
- Area
- Smooth Area
- Stacked Area
- Stacked Ratio Area
- 3D Area
- 3D Stacked Area
- 3D Stacked Ratio Area

x-axis	y <sub>1</sub> -axis	y <sub>2</sub> -axis	y <sub>3</sub> -axis
x <sub>1</sub> -value	y <sub>1</sub> -value <sub>1</sub>	y <sub>2</sub> -value <sub>1</sub>	y <sub>3</sub> -value <sub>1</sub>
x <sub>2</sub> -value	y <sub>1</sub> -value <sub>2</sub>	y <sub>2</sub> -value <sub>2</sub>	y <sub>3</sub> -value <sub>2</sub>
x <sub>3</sub> -value	y <sub>1</sub> -value <sub>3</sub>	y <sub>2</sub> -value <sub>3</sub>	y <sub>3</sub> -value <sub>3</sub>
x <sub>4</sub> -value	y <sub>1</sub> -value <sub>4</sub>	y <sub>2</sub> -value <sub>4</sub>	y <sub>3</sub> -value <sub>4</sub>

Data Format

Quarter	TV	Print	Web
Q1	4000	500	2700
Q2	12500	450	4800
Q3	1275	6500	10700
Q4	5600	1850	3400

Data Formatted Correctly



12. Pie and Donut Charts

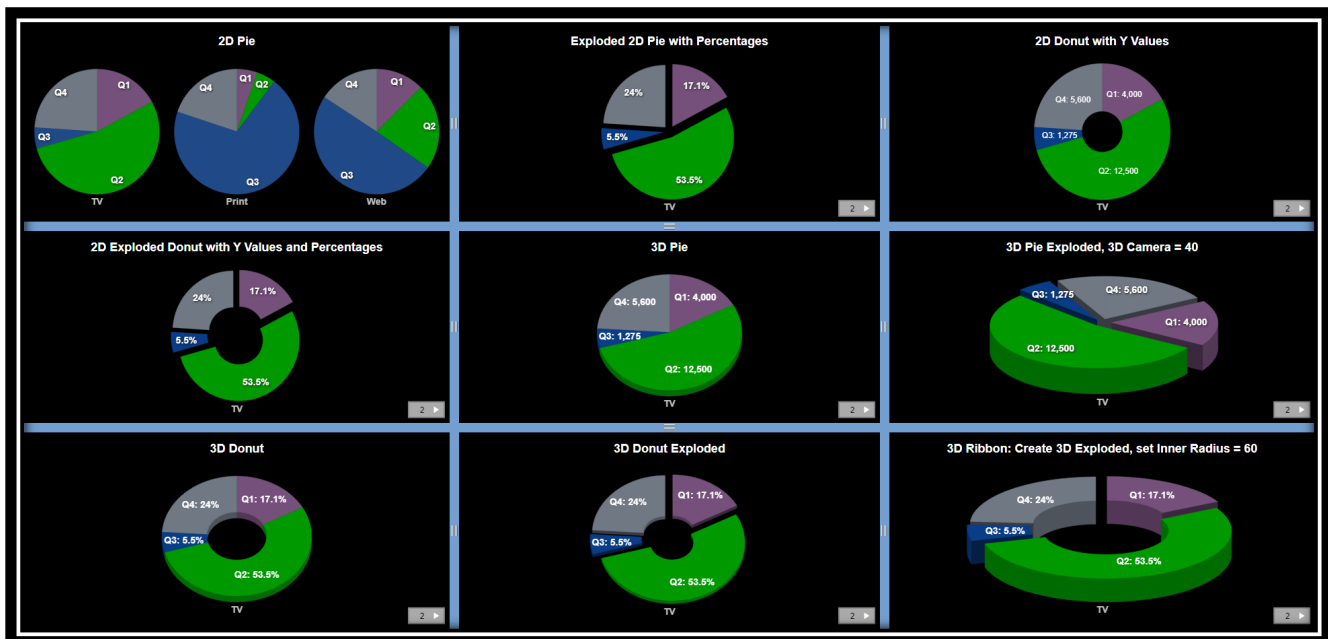
- 2D Pie
- 2D Pie Exploded
- 2D Donut
- 2D Exploded Donut
- 3D Pie
- 3D Pie Exploded
- 3D Donut
- 3D Donut Exploded
- 3D Ribbon Exploded

x-axis	y <sub>1</sub> -axis	y <sub>2</sub> -axis	y <sub>3</sub> -axis	y <sub>4</sub> -axis
x <sub>1</sub> -value	y <sub>1</sub> -value <sub>1</sub>	y <sub>2</sub> -value <sub>1</sub>	y <sub>3</sub> -value <sub>1</sub>	y <sub>4</sub> -value <sub>1</sub>
x <sub>2</sub> -value	y <sub>1</sub> -value <sub>2</sub>	y <sub>2</sub> -value <sub>2</sub>	y <sub>3</sub> -value <sub>2</sub>	y <sub>4</sub> -value <sub>2</sub>
x <sub>3</sub> -value	y <sub>1</sub> -value <sub>3</sub>	y <sub>2</sub> -value <sub>3</sub>	y <sub>3</sub> -value <sub>3</sub>	y <sub>4</sub> -value <sub>3</sub>
x <sub>4</sub> -value	y <sub>1</sub> -value <sub>4</sub>	y <sub>2</sub> -value <sub>4</sub>	y <sub>3</sub> -value <sub>4</sub>	y <sub>4</sub> -value <sub>4</sub>

Data Format

Quarter	TV	Print	Web	Radio
Q1	4000	500	2700	1500
Q2	12500	450	4800	750
Q3	1275	6500	10700	2000
Q4	5600	1850	3400	900

Data Formatted Correctly



13. Pyramid, Cone and Funnel Charts

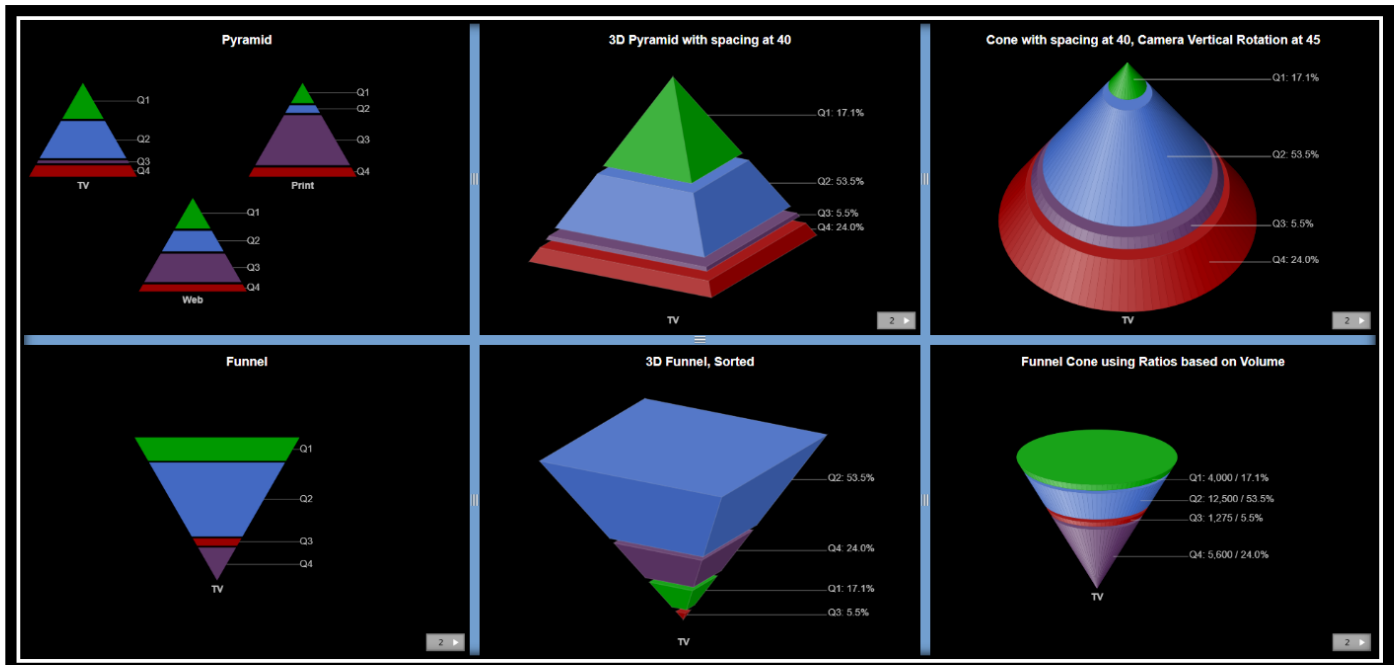
- Pyramid
- 3D Pyramid
- Funnel
- 3D Funnel
- Cone
- Funnel Cone

x-axis	y <sub>1</sub> -axis	y <sub>2</sub> -axis	y <sub>3</sub> -axis	y <sub>4</sub> -axis
x <sub>1</sub> -value	y <sub>1</sub> -value <sub>1</sub>	y <sub>2</sub> -value <sub>1</sub>	y <sub>3</sub> -value <sub>1</sub>	y <sub>4</sub> -value <sub>1</sub>
x <sub>2</sub> -value	y <sub>1</sub> -value <sub>2</sub>	y <sub>2</sub> -value <sub>2</sub>	y <sub>3</sub> -value <sub>2</sub>	y <sub>4</sub> -value <sub>2</sub>
x <sub>3</sub> -value	y <sub>1</sub> -value <sub>3</sub>	y <sub>2</sub> -value <sub>3</sub>	y <sub>3</sub> -value <sub>3</sub>	y <sub>4</sub> -value <sub>3</sub>
x <sub>4</sub> -value	y <sub>1</sub> -value <sub>4</sub>	y <sub>2</sub> -value <sub>4</sub>	y <sub>3</sub> -value <sub>4</sub>	y <sub>4</sub> -value <sub>4</sub>

Data Format

Quarter	TV	Print	Web	Radio
Q1	4000	500	2700	1500
Q2	12500	450	4800	750
Q3	1275	6500	10700	2000
Q4	5600	1850	3400	900

Data Formatted Correctly



14. Tabular Charts

- Tabular

x-axis	y <sub>1</sub> -axis	y <sub>2</sub> -axis	y <sub>3</sub> -axis
x <sub>1</sub> -value	y <sub>1</sub> -value <sub>1</sub>	y <sub>2</sub> -value <sub>1</sub>	y <sub>3</sub> -value <sub>1</sub>
x <sub>2</sub> -value	y <sub>1</sub> -value <sub>2</sub>	y <sub>2</sub> -value <sub>2</sub>	y <sub>3</sub> -value <sub>2</sub>
x <sub>3</sub> -value	y <sub>1</sub> -value <sub>3</sub>	y <sub>2</sub> -value <sub>3</sub>	y <sub>3</sub> -value <sub>3</sub>
x <sub>4</sub> -value	y <sub>1</sub> -value <sub>4</sub>	y <sub>2</sub> -value <sub>4</sub>	y <sub>3</sub> -value <sub>4</sub>

Quarter	TV	Print	Web
Q1	4000	500	2700
Q2	12500	450	4800
Q3	1275	6500	10700
Q4	5600	1850	3400

- Tabular Scorecard

Data Format

Data Formatted Correctly

The image displays two examples of dashboard visualizations. The left visualization shows a 'Tabular' chart with a table of quarterly data and a 'Scorecard' chart with the same data and a legend for TV values. The right visualization shows a 'Report' chart with a table of quarterly data, including monthly breakdowns, and expand/collapse controls.

○ Tabular Report

x-axis	y1-axis	y2-axis	y3-axis	y4-axis
x1-value	y1-value1	y2-value1	y3-value1	y4-value1
x2-value	y1-value2	y2-value2	y3-value2	y4-value2
x3-value	y1-value3	y2-value3	y3-value3	y4-value3
x4-value	y1-value4	y2-value4	y3-value4	y4-value4
x5-value	y1-value5	y2-value5	y3-value5	y4-value5
x6-value	y1-value6	y2-value6	y3-value6	y4-value6

Data Format

Quarter	Month	TV	Print	Web
Q1	Month 1	2000	300	1200
Q1	Month 2	1050	0	1000
Q1	Month 3	950	200	500
Q2	Month 4	3000	100	700
Q2	Month 5	2500	225	1700
Q2	Month 6	7000	125	2400

Data Formatted Correctly

The image displays two examples of data visualization in a dashboard. The left example shows a 'Tabular' report with a simple table and a 'Scorecard' below it. The 'Scorecard' table includes colored icons and a legend for the TV, Print, and Web categories. The right example shows a 'Report' view with a detailed table, expand/collapse controls, and a legend for the TV, Print, and Web categories.

15. Calendar Charts

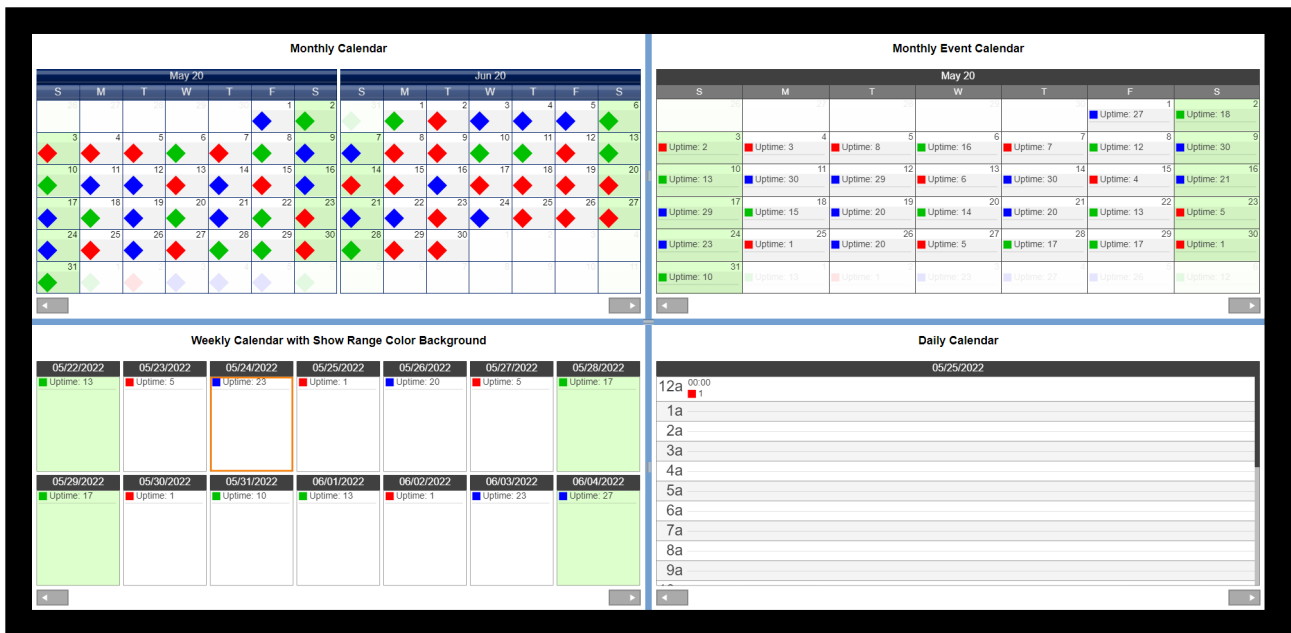
- Daily Calendar
- Weekly Calendar
- Monthly Calendar
- Monthly Event Calendar

Data Format

x-axis	y <sub>1</sub> -axis
x <sub>1</sub> -value	y <sub>1</sub> -value <sub>1</sub>
x <sub>2</sub> -value	y <sub>1</sub> -value <sub>2</sub>
x <sub>3</sub> -value	y <sub>1</sub> -value <sub>3</sub>
x <sub>4</sub> -value	y <sub>1</sub> -value <sub>4</sub>
x <sub>5</sub> -value	y <sub>1</sub> -value <sub>5</sub>
x <sub>6</sub> -value	y <sub>1</sub> -value <sub>6</sub>

Data Formatted Correctly

TS Team	Years
Aaron Olson	10
Aziz Sanal	10
Ceré Rettig	3
Eric Elfline	4
Jim Qussar	8
John Lin	5





16. Presentation Charts

- Gallery
- Slideshow

x-axis	y <sub>1</sub> -axis	y <sub>2</sub> -axis	y <sub>3</sub> -axis
x <sub>1</sub> -value	y <sub>1</sub> -value <sub>1</sub>	y <sub>2</sub> -value <sub>1</sub>	y <sub>3</sub> -value <sub>1</sub>
x <sub>2</sub> -value	y <sub>1</sub> -value <sub>2</sub>	y <sub>2</sub> -value <sub>2</sub>	y <sub>3</sub> -value <sub>2</sub>
x <sub>3</sub> -value	y <sub>1</sub> -value <sub>3</sub>	y <sub>2</sub> -value <sub>3</sub>	y <sub>3</sub> -value <sub>3</sub>

Data  
Format

All	Planet	Picture	Chart
51 Pegasus	51 Pegasus	51Pegasus.png	51 Pegasus
Tauboo	Tauboo	tauboo.jpg	Tauboo
Mary Poppins	Mary Poppins	Hd_195019_b.png	Mary Poppins

Data Formatted  
Correctly

The screenshot displays the TruOI interface with several sections:

- Presentations - Gallery:** Shows three small image thumbnails.
- Presentations - Slideshow:** Shows a large infographic about the first planet discovered around a sun-like star, 51 Pegasus b.
- Presentations - Details:** Includes instructions to click on colorful charts below.
- Presentations - Infographic IT:** Shows an infographic with a pie chart and a line graph, titled "17,900 IT in AK".
- Presentations - Infographic Scientists:** Shows an infographic titled "The Scientific Method as an Ongoing Process" with a circular flow diagram, titled "1,288,920 Scientists in US".
- Physics Section:** A grid of colorful buttons for:
  - Physics (Physics News)
  - Computational Physics (Physics Simulations with Easy JavaScript)
  - Mathematical Physics (Black holes, quantum chaos, and Riemann hypothesis)
  - Astrophysics (Vera Rubin)
  - Exoplanet Data (Exoplanet Archive)
  - 51 Pegasus (Planet Orbiting a Sun-like Star)
  - Mary Poppins (It's practically perfect in every way!)
  - TauBoo (Learn about TauBoo)

○ Details

Data Format

x-axis	y <sub>1</sub> -axis
x <sub>1</sub> -value	y <sub>1</sub> -value <sub>1</sub>

Data Formatted Correctly

Subject	Link
Physics	<a href="https://phys.org/phys-news/">https://phys.org/phys-news/</a>

○ Infographic

Data Format

x-axis	y <sub>1</sub> -axis
x <sub>1</sub> -value	y <sub>1</sub> -value <sub>1</sub>

Data Formatted Correctly

Occupation	Total
Scientists	1288920

**Presentations - Gallery**

**Presentations - Slideshow**

**Presentations - Details**  
Instructions: Click on the Colorful Charts Below

<b>Physics</b> Physics News	<b>Exoplanet Data</b> Exoplanet Archive
<b>Computational Physics</b> Physica Simulations with Easy JavaScript	<b>51 Pegasus</b> Planet Orbiting a Sun-like Star
<b>Mathematical Physics</b> Black holes, quantum chaos, and Berman hypothesis	<b>Mary Poppins</b> It's practically perfect in every way!
<b>Astrophysics</b> Vera Rubin	<b>TauBoo</b> Learn about TauBoo

**Presentations - Infographic IT**

17,900 IT in AK

**Presentations - Infographic Scientists**

The Scientific Method as an Ongoing Process

1,288,920 Scientists in US

17. Maps - Image Plot

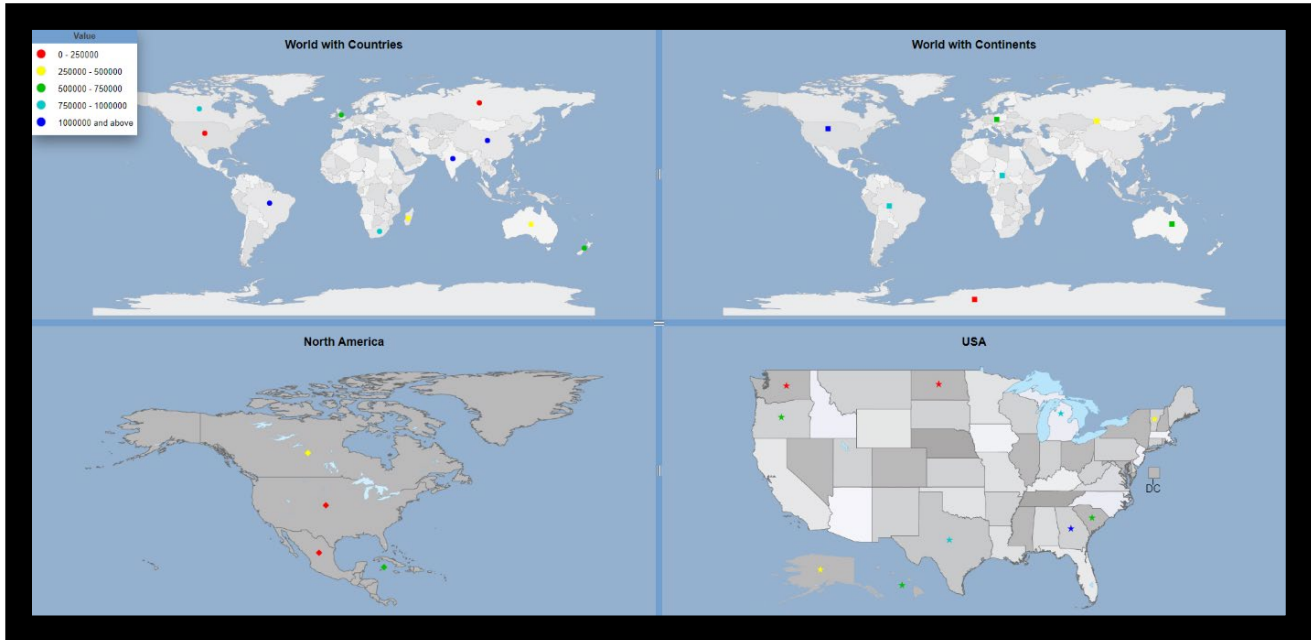
- United States of America
- North America
- World with Countries
- World with Continents

Data Format

Data Formatted Correctly

x-axis	y <sub>1</sub> -axis
x <sub>1</sub> -value	y <sub>1</sub> -value <sub>1</sub>
x <sub>2</sub> -value	y <sub>1</sub> -value <sub>2</sub>
x <sub>3</sub> -value	y <sub>1</sub> -value <sub>3</sub>
x <sub>4</sub> -value	y <sub>1</sub> -value <sub>4</sub>
x <sub>5</sub> -value	y <sub>1</sub> -value <sub>5</sub>
x <sub>6</sub> -value	y <sub>1</sub> -value <sub>6</sub>

Country	Value
USA	12340
China	3849280
England	585760
Australia	250000
India	1000000
Canada	25000



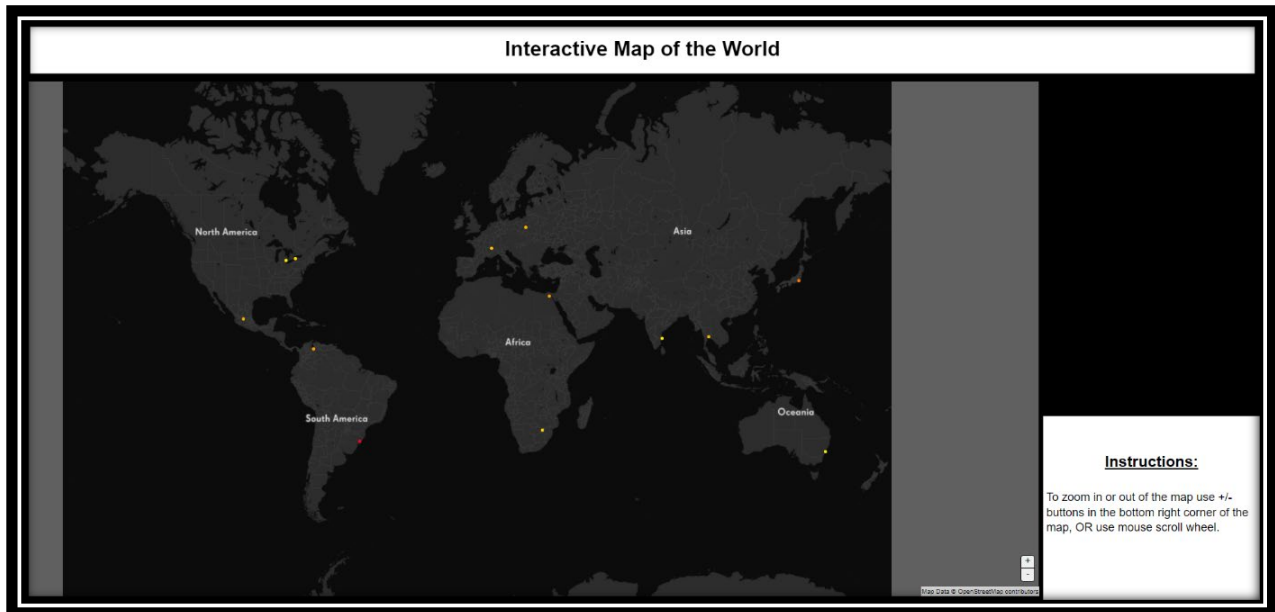
18. Maps - GeoPlot

Data Format

x-axis	y1-axis	y2-axis	y3-axis	y4-axis	y5-axis
x1-value	y1-value <sub>1</sub>	y2-value <sub>1</sub>	y3-value <sub>1</sub>	y4-value <sub>1</sub>	y5-value <sub>1</sub>
x2-value	y1-value <sub>2</sub>	y2-value <sub>2</sub>	y3-value <sub>2</sub>	y4-value <sub>2</sub>	y5-value <sub>2</sub>
x3-value	y1-value <sub>3</sub>	y2-value <sub>3</sub>	y3-value <sub>3</sub>	y4-value <sub>3</sub>	y5-value <sub>3</sub>
x4-value	y1-value <sub>4</sub>	y2-value <sub>4</sub>	y3-value <sub>4</sub>	y4-value <sub>4</sub>	y5-value <sub>4</sub>

Data Formatted Correctly

Country	Sessions	_lat	_lon	_size	_color
Poland	1	52.2297	21.012	5	#FFB400
Canada	2	43.0896	-79.0849	5	#FFDC00
United States	4	42.5031	-83.1835	5	#FFF000
Mexico	3	21.125	-101.686	5	#FFA000



19. Maps - US County

Data Format

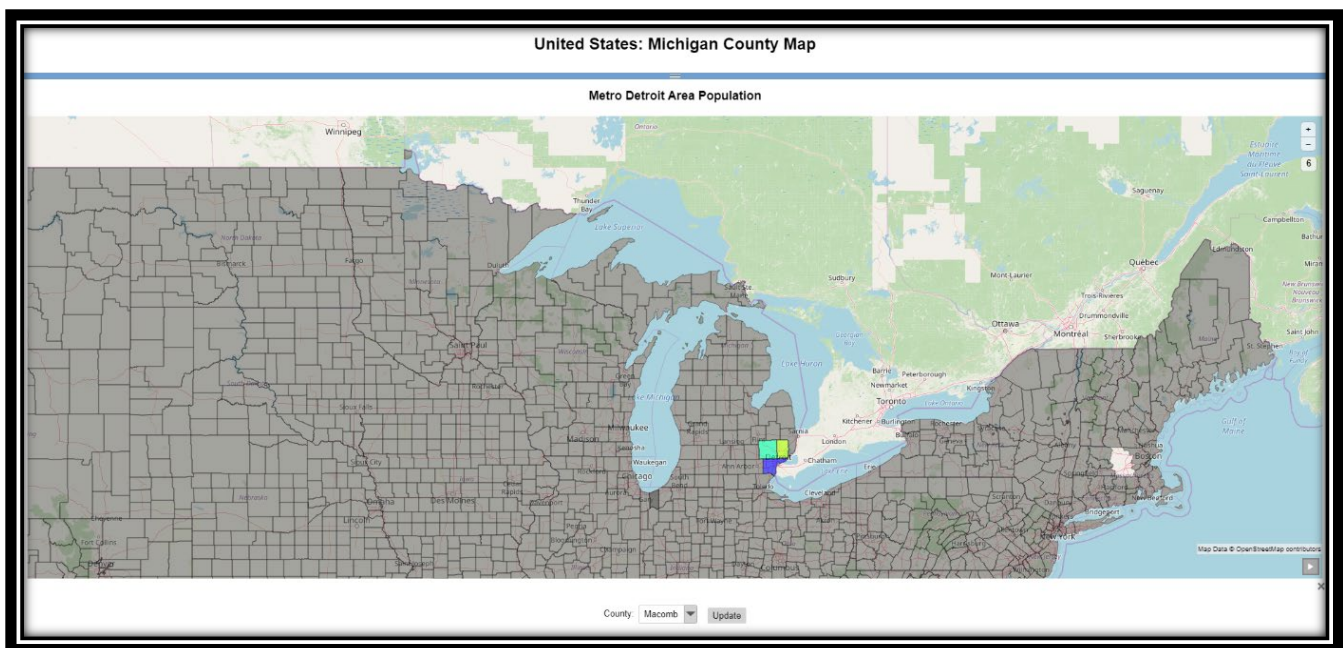
x-axis	y1-axis	y2-axis	y3-axis	y4-axis	y5-axis
x1-value	y1-value <sub>1</sub>	y2-value <sub>1</sub>	y3-value <sub>1</sub>	y4-value <sub>1</sub>	y5-value <sub>1</sub>
x2-value	y1-value <sub>2</sub>	y2-value <sub>2</sub>	y3-value <sub>2</sub>	y4-value <sub>2</sub>	y5-value <sub>2</sub>
x3-value	y1-value <sub>3</sub>	y2-value <sub>3</sub>	y3-value <sub>3</sub>	y4-value <sub>3</sub>	y5-value <sub>3</sub>

Data Formatted Correctly

State	County	Population	State Rank	County Population	County Rank
MI	Macomb	1829584	10	1829584	1
MI	Oakland	1202362	10	1202362	2
MI	Wayne	840978	10	840978	3

Parameter  
Name: County  
Label: County  
Data Type: String  
Default Value: \${select all}

Filter  
County = \${param:County}



20. Maps - SVG Drawings

- States by Population and Rank
- Human Brain
- Human Skeleton
- Not all 206 bones mapped
- Drum Set
- 31st Floor

**Data Format**

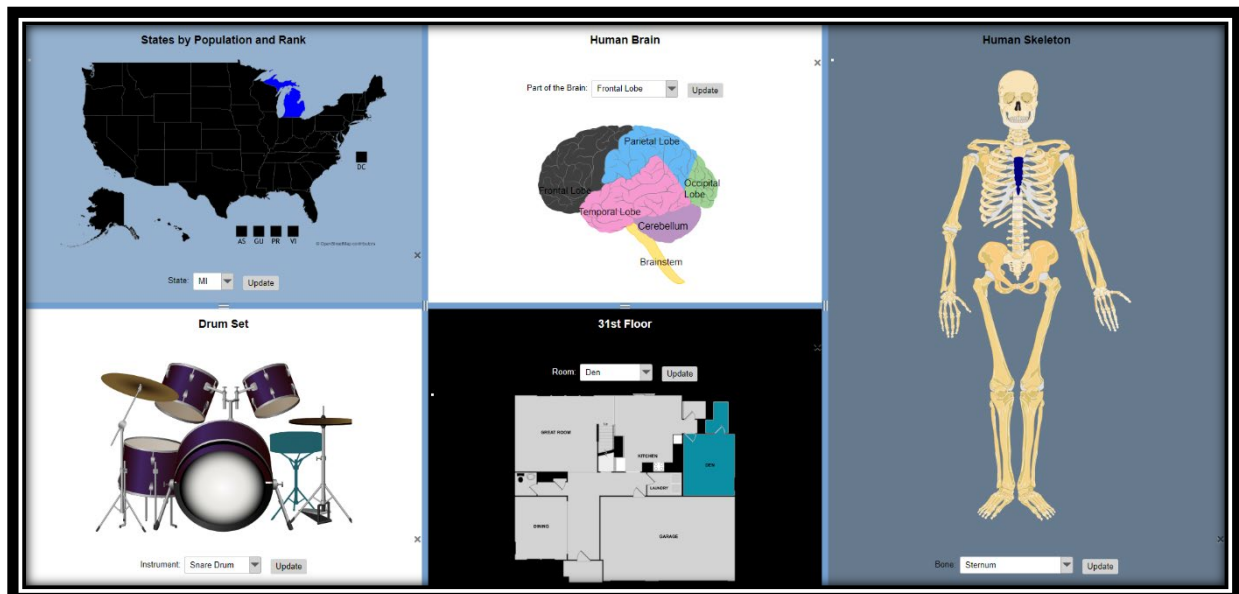
x-axis	y <sub>1</sub> -axis	y <sub>2</sub> -axis	y <sub>3</sub> -axis
x <sub>1</sub> -value	y <sub>1</sub> -value <sub>1</sub>	y <sub>2</sub> -value <sub>1</sub>	y <sub>3</sub> -value <sub>1</sub>
x <sub>2</sub> -value	y <sub>1</sub> -value <sub>2</sub>	y <sub>2</sub> -value <sub>2</sub>	y <sub>3</sub> -value <sub>2</sub>
x <sub>3</sub> -value	y <sub>1</sub> -value <sub>3</sub>	y <sub>2</sub> -value <sub>3</sub>	y <sub>3</sub> -value <sub>3</sub>
x <sub>4</sub> -value	y <sub>1</sub> -value <sub>4</sub>	y <sub>2</sub> -value <sub>4</sub>	y <sub>3</sub> -value <sub>4</sub>

Parameter  
Name: Brain  
Label: Part of the Brain:  
Data Type: String  
Default Value: Frontal Lobe

**Data Formatted Correctly**

Filter  
X-axis = \${param:Brain}

Part of Brain	Image	Description	Number
Frontal Lobe	Brain	Reward, Attention, Short-Term Memory, Planning and Motivation	1



21. Radar Charts

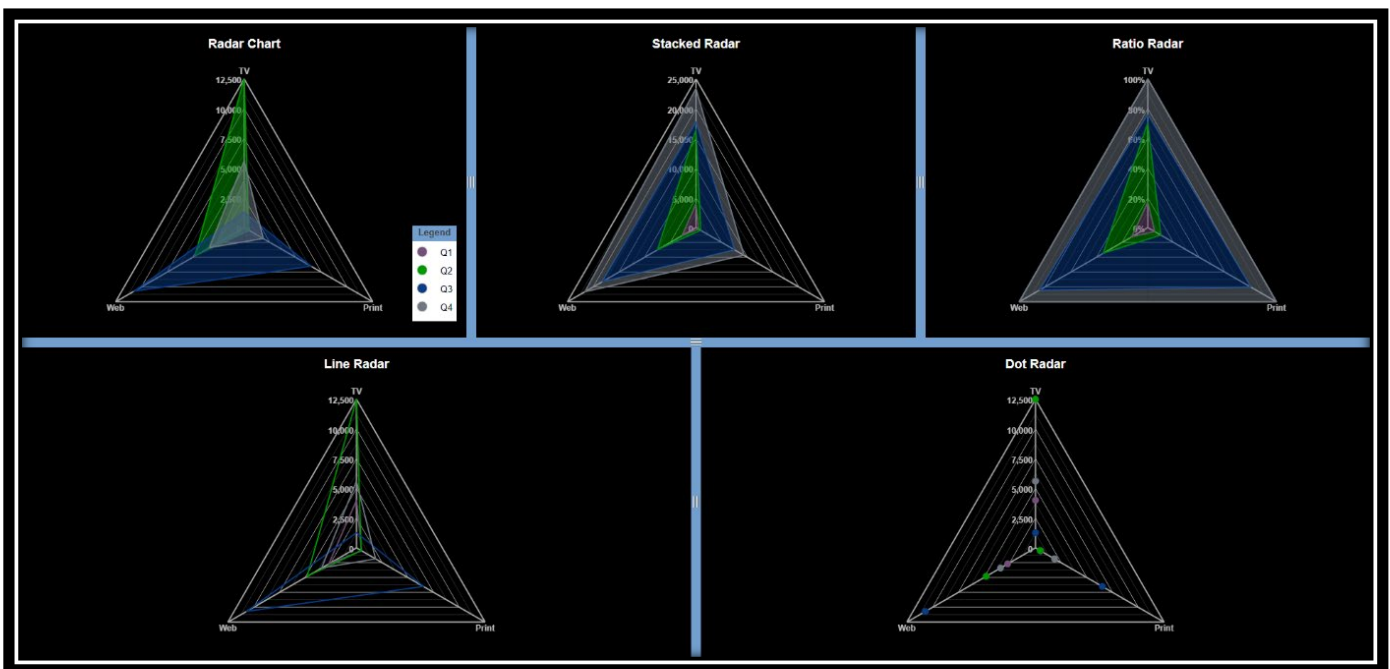
- Radar
- Stacked Radar
- Ratio Radar
- Line Radar
- Dot Radar

x-axis	y1-axis	y2-axis	y3-axis
x1-value	y1-value1	y2-value1	y3-value1
x2-value	y1-value2	y2-value2	y3-value2
x3-value	y1-value3	y2-value3	y3-value3
x4-value	y1-value4	y2-value4	y3-value4

Data Format

Quarter	TV	Print	Web
Q1	4000	500	2700
Q2	12500	450	4800
Q3	1275	6500	10700
Q4	5600	1850	3400

Data Formatted Correctly



22. Specialty Charts

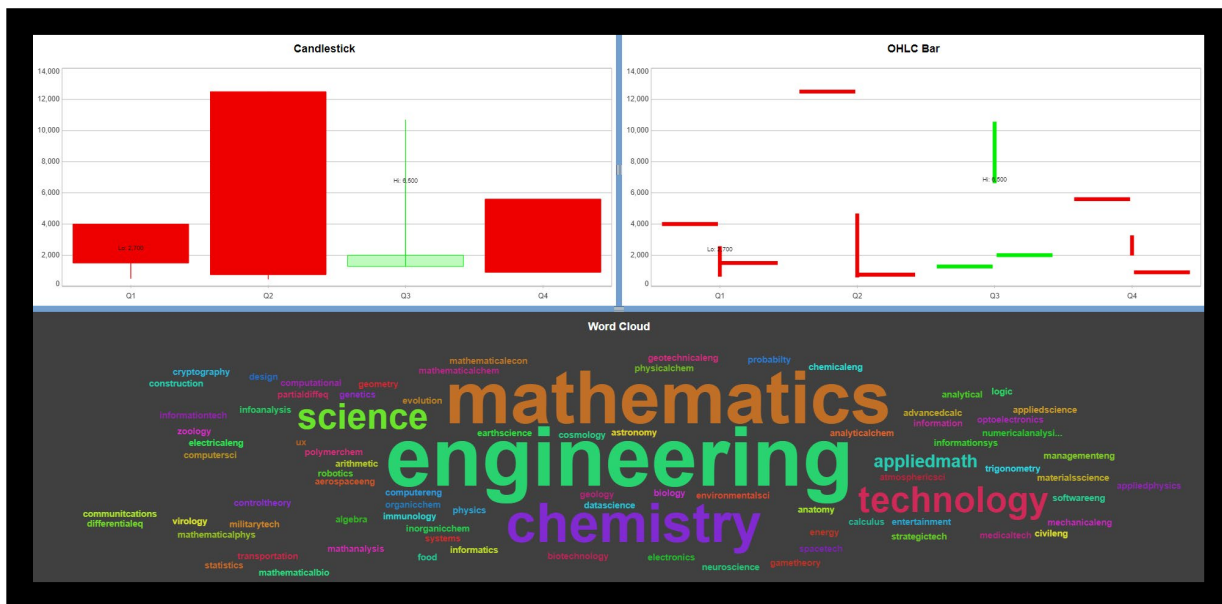
- Candlestick
- OHLC Bar

Data Format

x-axis	y <sub>1</sub> -axis	y <sub>2</sub> -axis	y <sub>3</sub> -axis	y <sub>4</sub> -axis
x <sub>1</sub> -value	y <sub>1</sub> -value <sub>1</sub>	y <sub>2</sub> -value <sub>1</sub>	y <sub>3</sub> -value <sub>1</sub>	y <sub>4</sub> -value <sub>1</sub>
x <sub>2</sub> -value	y <sub>1</sub> -value <sub>2</sub>	y <sub>2</sub> -value <sub>2</sub>	y <sub>3</sub> -value <sub>2</sub>	y <sub>4</sub> -value <sub>2</sub>
x <sub>3</sub> -value	y <sub>1</sub> -value <sub>3</sub>	y <sub>2</sub> -value <sub>3</sub>	y <sub>3</sub> -value <sub>3</sub>	y <sub>4</sub> -value <sub>3</sub>
x <sub>4</sub> -value	y <sub>1</sub> -value <sub>4</sub>	y <sub>2</sub> -value <sub>4</sub>	y <sub>3</sub> -value <sub>4</sub>	y <sub>4</sub> -value <sub>4</sub>

Data Formatted Correctly

Quarter	TV	Print	Web	Radio
Q1	4000	500	2700	1500
Q2	12500	450	4800	750
Q3	1275	6500	10700	2000
Q4	5600	1850	3400	900





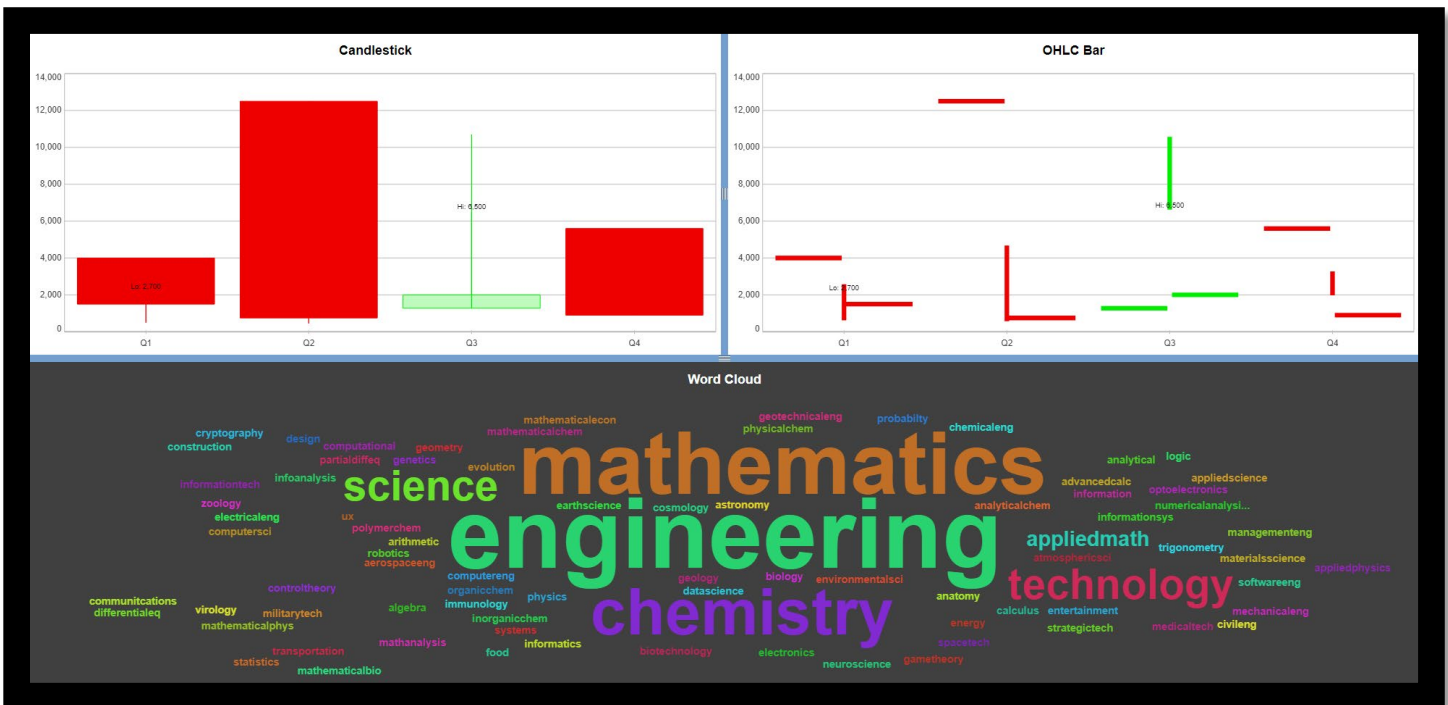
o Word Cloud

Data Format

x-axis	y <sub>1</sub> -axis	y <sub>2</sub> -axis
x <sub>1</sub> -value	y <sub>1</sub> -value <sub>1</sub>	y <sub>2</sub> -value <sub>1</sub>
x <sub>2</sub> -value	y <sub>1</sub> -value <sub>2</sub>	y <sub>2</sub> -value <sub>2</sub>
x <sub>3</sub> -value	y <sub>1</sub> -value <sub>3</sub>	y <sub>2</sub> -value <sub>3</sub>
x <sub>4</sub> -value	y <sub>1</sub> -value <sub>4</sub>	y <sub>2</sub> -value <sub>4</sub>

Data Formatted Correctly

Topic	Keywords	Word Count
Science	Astronomy	5
Technology	Data Science	4
Engineering	Computer Engineering	2
Mathematics	Statistics	3



23. 3D Photo Charts

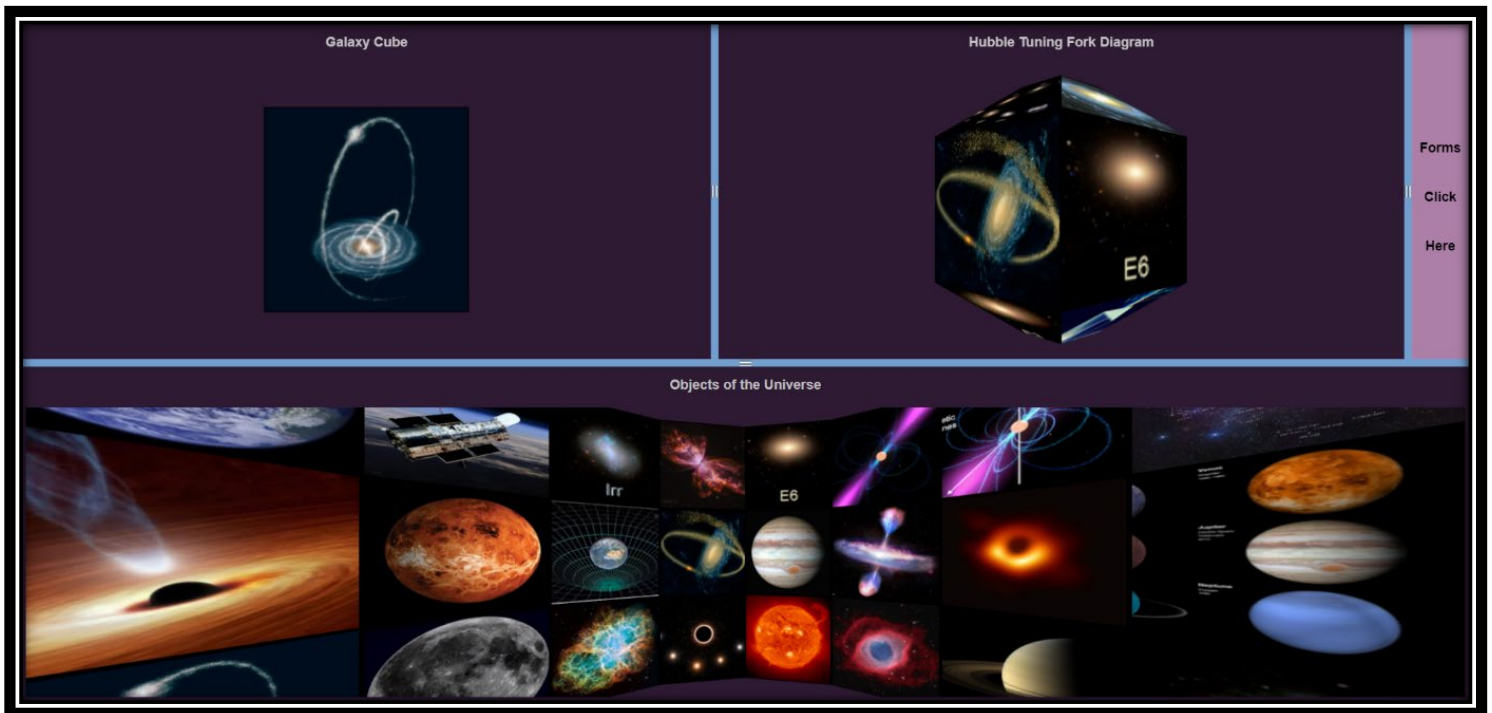
- Cube
- Jewel
- Cylinder Surround
  - Only 3 of the 12 available are shown.

Data Format

Data Formatted Correctly

x-axis	y <sub>1</sub> -axis	y <sub>2</sub> -axis
x <sub>1</sub> -value	y <sub>1</sub> -value <sub>1</sub>	y <sub>2</sub> -value <sub>1</sub>
x <sub>2</sub> -value	y <sub>1</sub> -value <sub>2</sub>	y <sub>2</sub> -value <sub>2</sub>
x <sub>3</sub> -value	y <sub>1</sub> -value <sub>3</sub>	y <sub>2</sub> -value <sub>3</sub>
x <sub>4</sub> -value	y <sub>1</sub> -value <sub>4</sub>	y <sub>2</sub> -value <sub>4</sub>
x <sub>5</sub> -value	y <sub>1</sub> -value <sub>5</sub>	y <sub>2</sub> -value <sub>5</sub>
x <sub>6</sub> -value	y <sub>1</sub> -value <sub>6</sub>	y <sub>2</sub> -value <sub>6</sub>

Galaxy	Distance	Picture
Canis Major Dwarf	0.025	canis_major.jpg
Large Magellanic Cloud	0.163	lmc.jpg
Sagittarius Dwarf Elliptical	0.081	sagittarius_dwarf.jpg
Small Magellanic Cloud	0.197	smc.png
The Milky Way	0	milky_way.jpg
Virgo Stellar Stream (Overdensity)	0.03	Virgo_stream.jpg



## 24. Forms

### Creating a Form

- Make a list of the data input items you would like to use in your form
- Then, open Form Designer and look at the Data Fields:
  - Field Group (can be mixed data types, grouped together)
  - String
  - Boolean
  - Number
  - Datetime
- Next, Look at the Input Types:
  - Address, Email Address
  - Checkbox List
  - Multiple Text
  - Metadata
  - Single Text
  - Dropdown Menu
  - Radio Button List
  - Checkboxes
  - Numbers
  - Date
  - Date and Time
- Now, Select the Best Options for your users
- Finally, Set Permissions for the Data Fields before saving your form

The screenshot shows a form titled "A few quick questions" with a purple background. It contains several input fields: "First Name\*", "Last Name\*", "Company Name\*", and "Date Field" (with the value "2022-05"). Below these is a "Location" section with fields for "City", "State", "Zip code", and "Country". There are two radio buttons for "Do You Like these Chart Examples" (YES and No). Below that is a text area for "If no, please elaborate:". At the bottom, there is a text area for "What is the theme of this Dashboard?". At the very bottom left, there are three buttons: "View Records", "Clear", and "Add".