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Next Generation Dashboards

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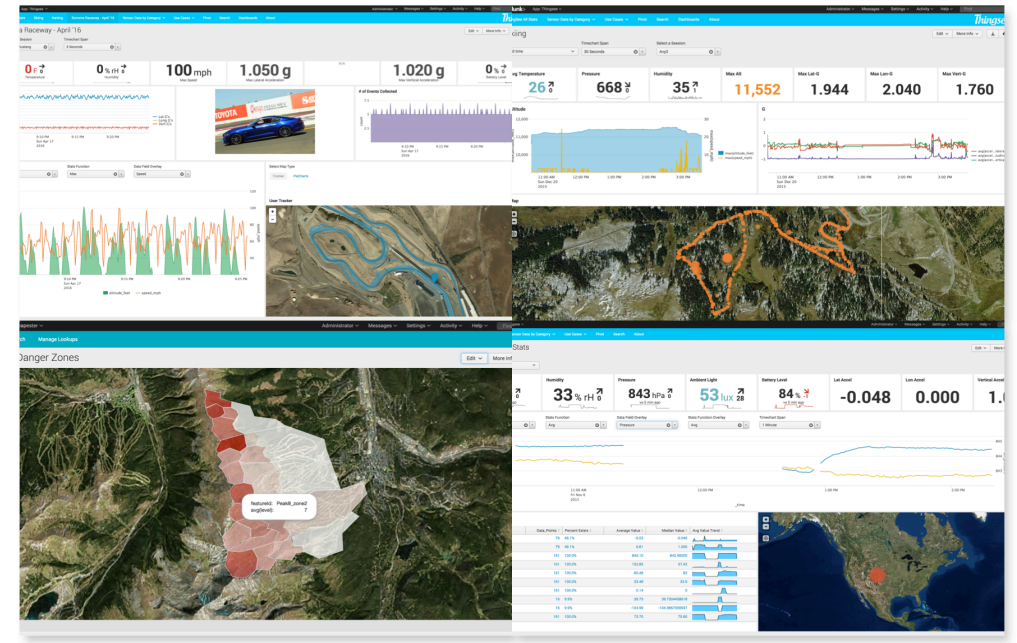
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The forward-looking statements made in this presentation are being made as of the time and date of its live presentation. If reviewed after its live presentation, this presentation may not contain current or accurate information. We do not assume any obligation to update any forward looking statements we may make. In addition, any information about our roadmap outlines our general product direction and is subject to change at any time without notice. It is for informational purposes only and shall not be incorporated into any contract or other commitment. Splunk undertakes no obligation either to develop the features or functionality described or to include any such feature or functionality in a future release.

About Me

▶ ~4 Years @ Splunk

- 2 Professional Services
- 2 Technical Marketing

What Are We Talkin' About?

Agenda

► **Splunk Dashboards**
- Tips n' tricks & Examples (No Coding Necessary!)
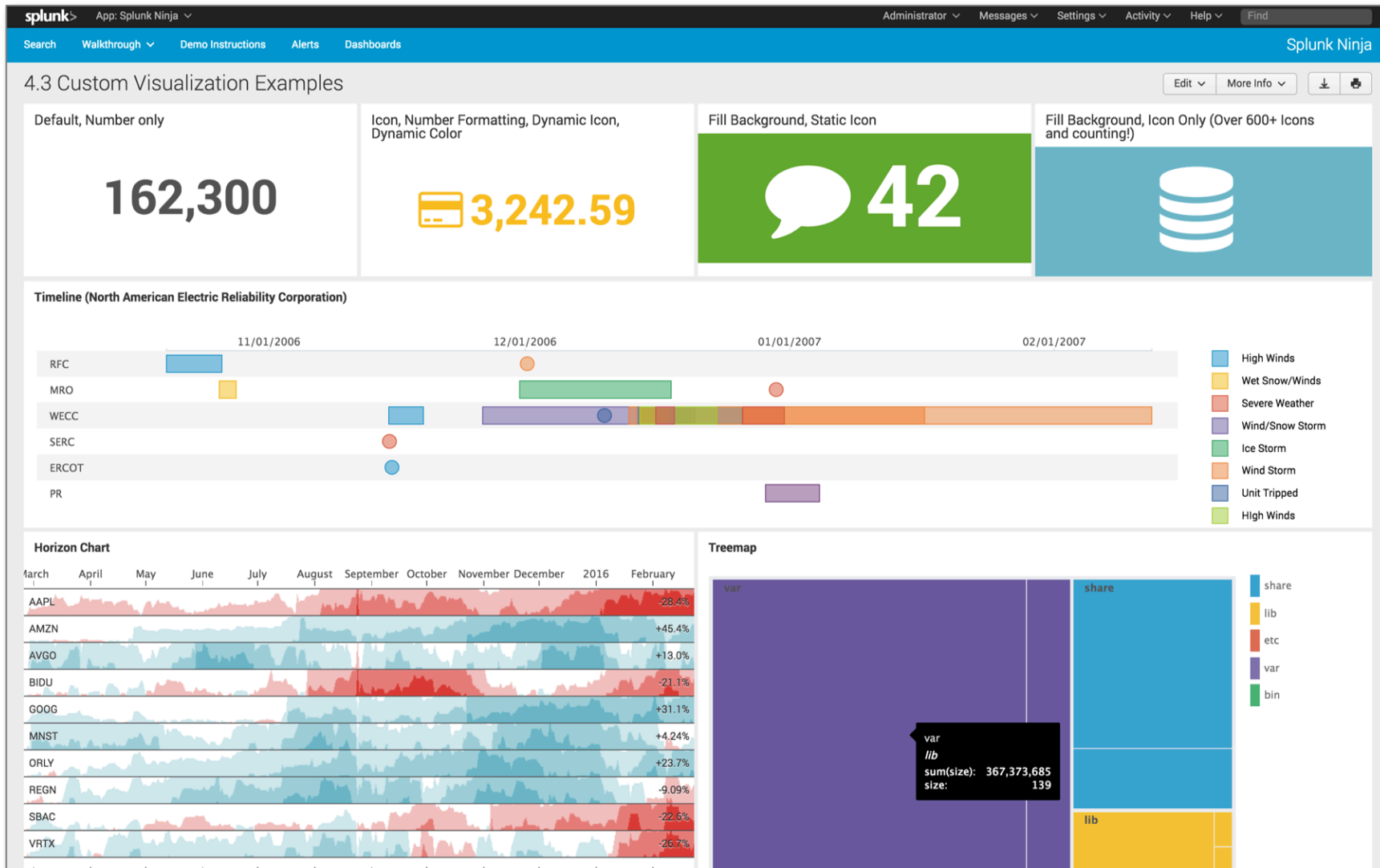- Custom Visualizations / Demo
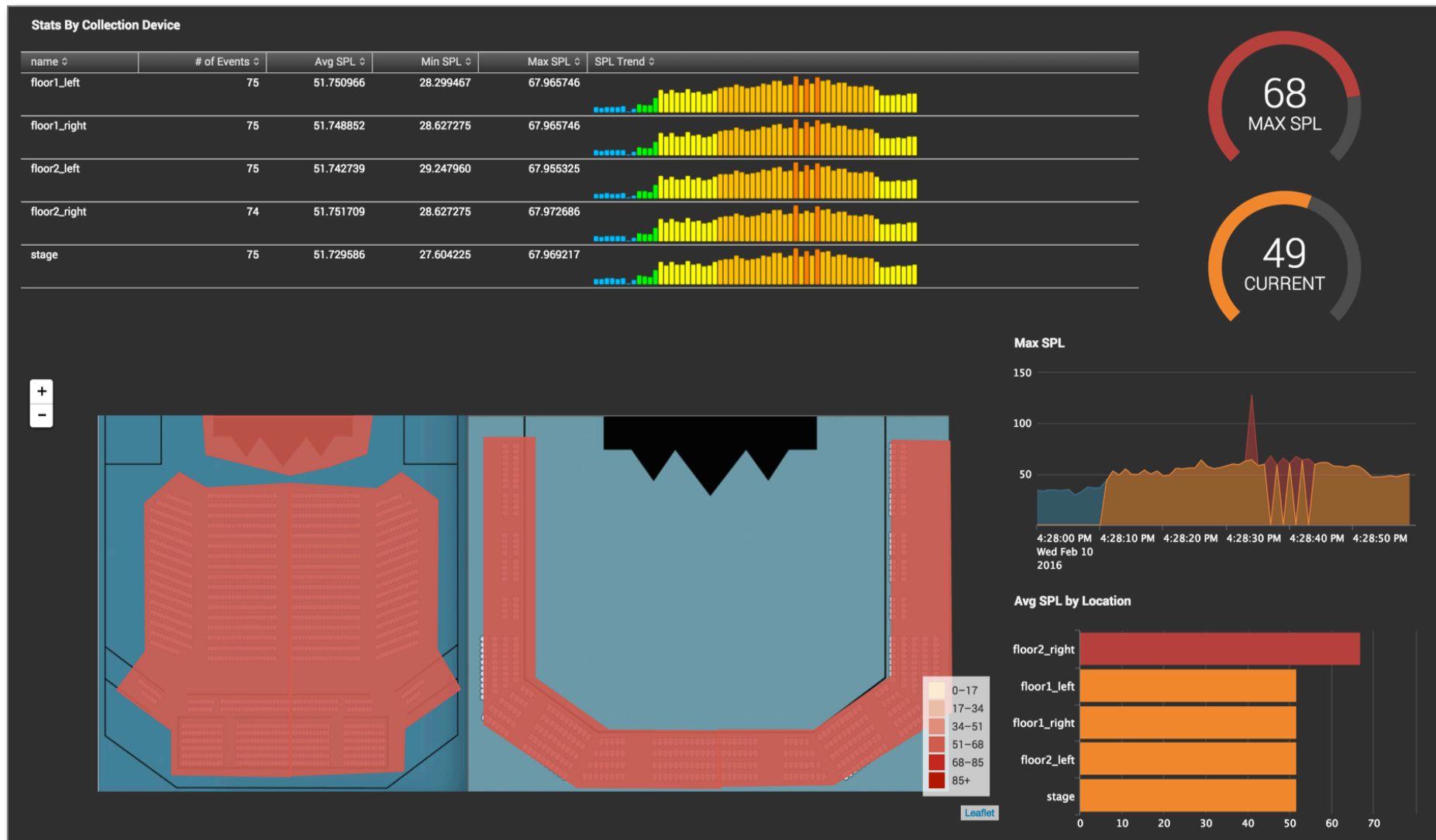- Resources (Apps, Blogs and the like)
- Q&A

130.60.4 - - [07/Jan 18:10:57:153] "GET /category.screen?category_id=GIFTS&JSESSIONID=SD15L4FF10ADFF10 HTTP 1.1" 404 720 "http://buttercup-shopping.com/cart.do?action=purchase&itemId=EST-26&product_id=F1-SW-01"
128.241.220.82 - - [07/Jan 18:10:57:123] "GET /product.screen?product_id=FL-DSH-01&JSESSIONID=SD5SL7FF6ADFF9 HTTP 1.1" 404 3322 "http://buttercup-shopping.com/cart.do?action=purchase&itemId=EST-26&product_id=GIFTS"
317 27.160.0.0 - - [07/Jan 18:10:56:156] "GET /oldlink?item_id=EST-26&JSESSIONID=SD5SL9FF1ADFF3 HTTP 1.1" 200 1318 "http://JSESSIONID=SD9SL4FF4ADFF7 HTTP 1.1" 200 2423

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Tips n' Tricks

Common Improvements

Tips n' Tricks

▶ Colored Themes / Transparency

▶ Single Value Icons

▶ Images

▶ Geographic

▶ Custom Visualizations

▶ Custom Panel Widths

▶ Trellis (new in 6.6!)

▶ Link Switchers / Tokens / Forms

▶ Chart Overlays

▶ Iframes

Colored Themes / Transparency
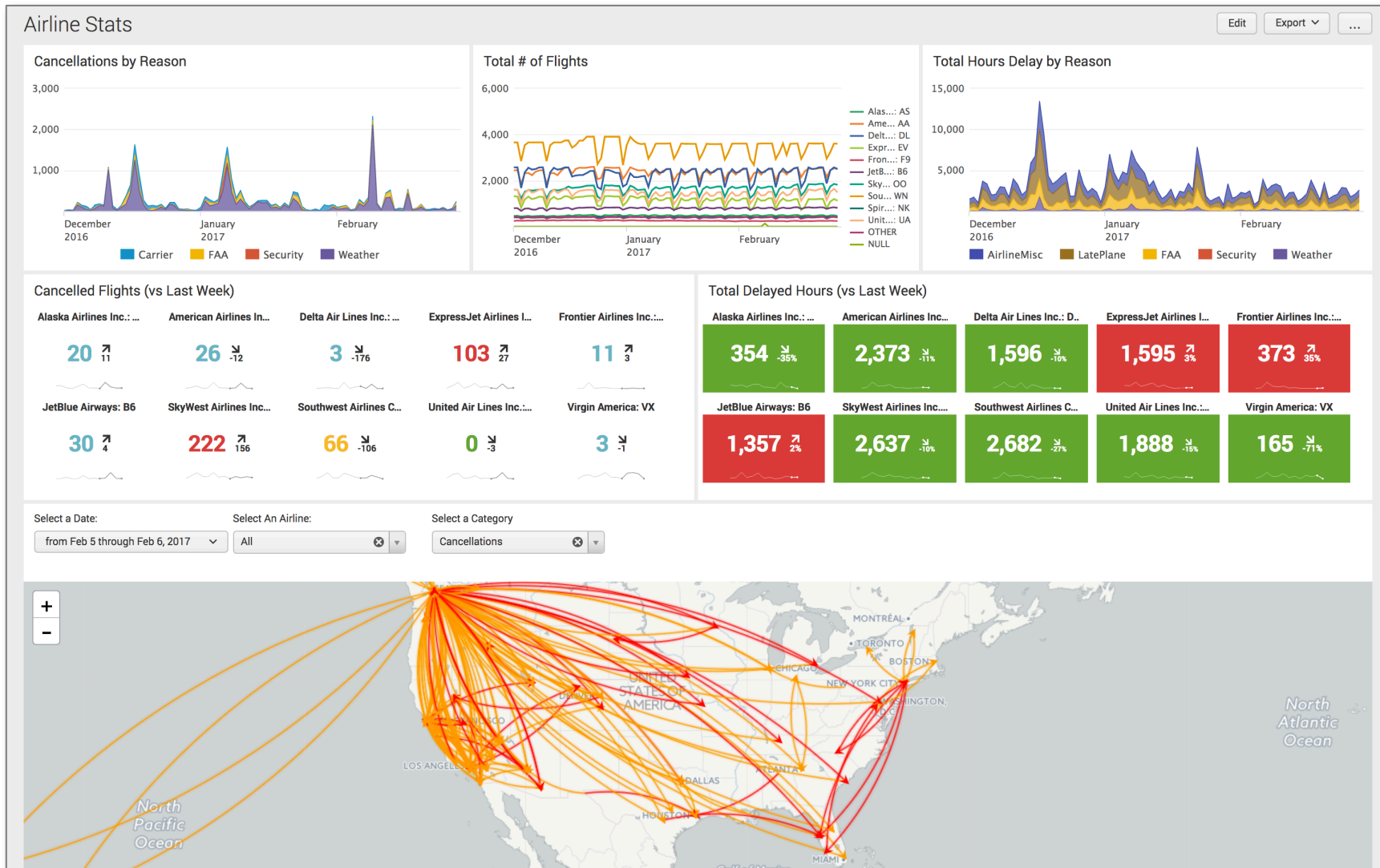
Single Value Icons

Images

Geographic

Custom Visualizations

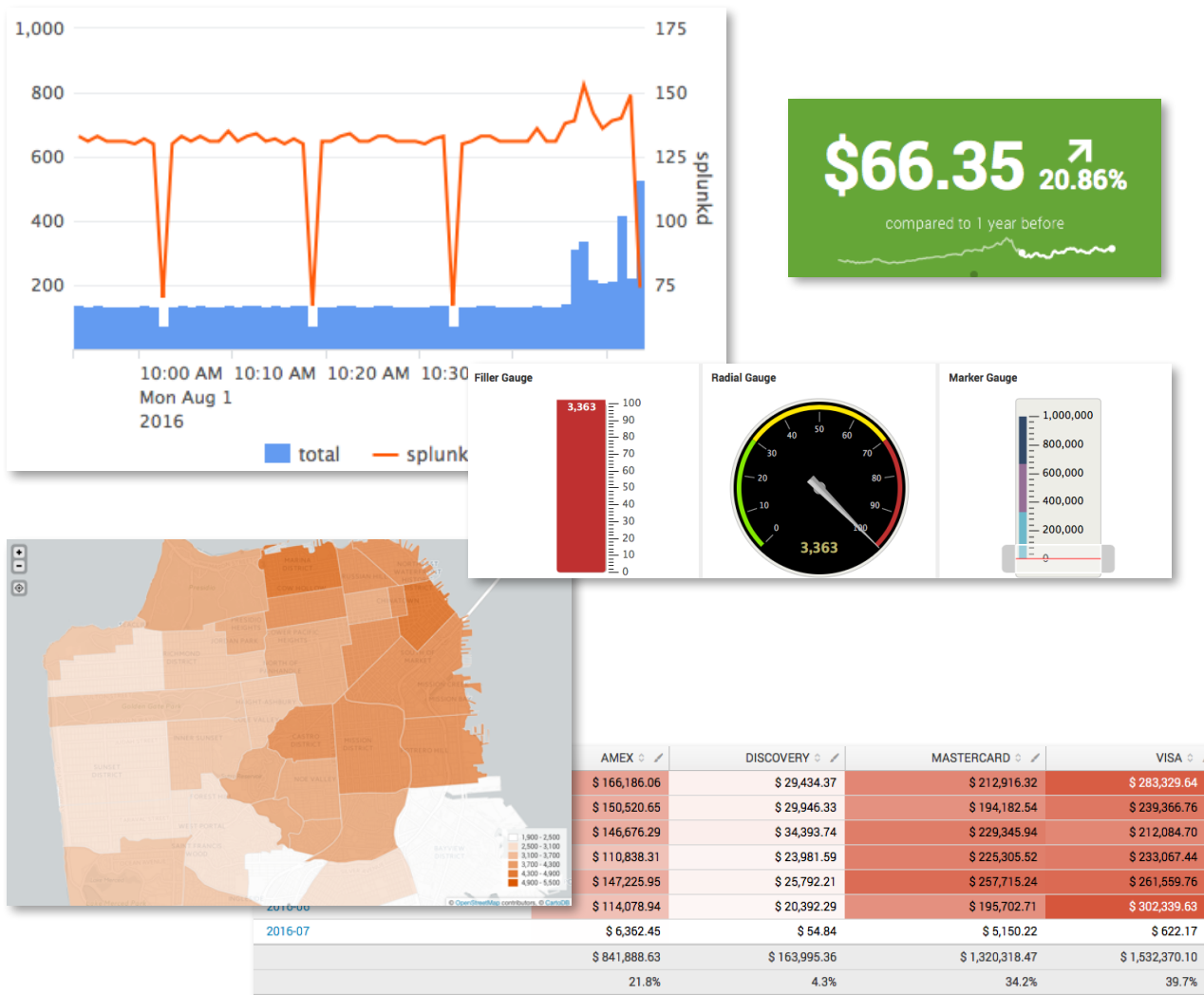# Custom Panel Widths

Trellis

iFrames, Images, Chart Overlays
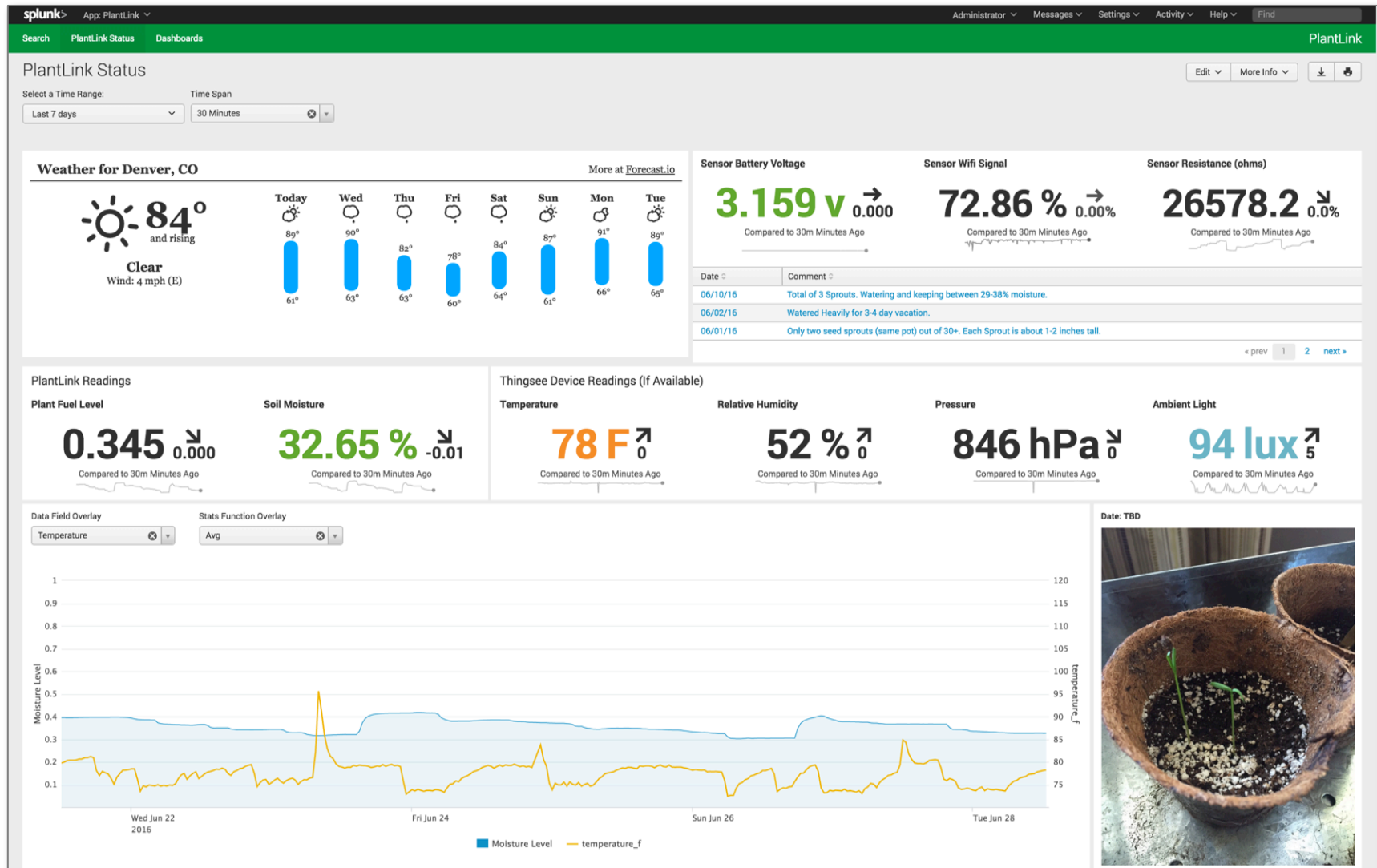
Putting It All Together

Custom Visualizations

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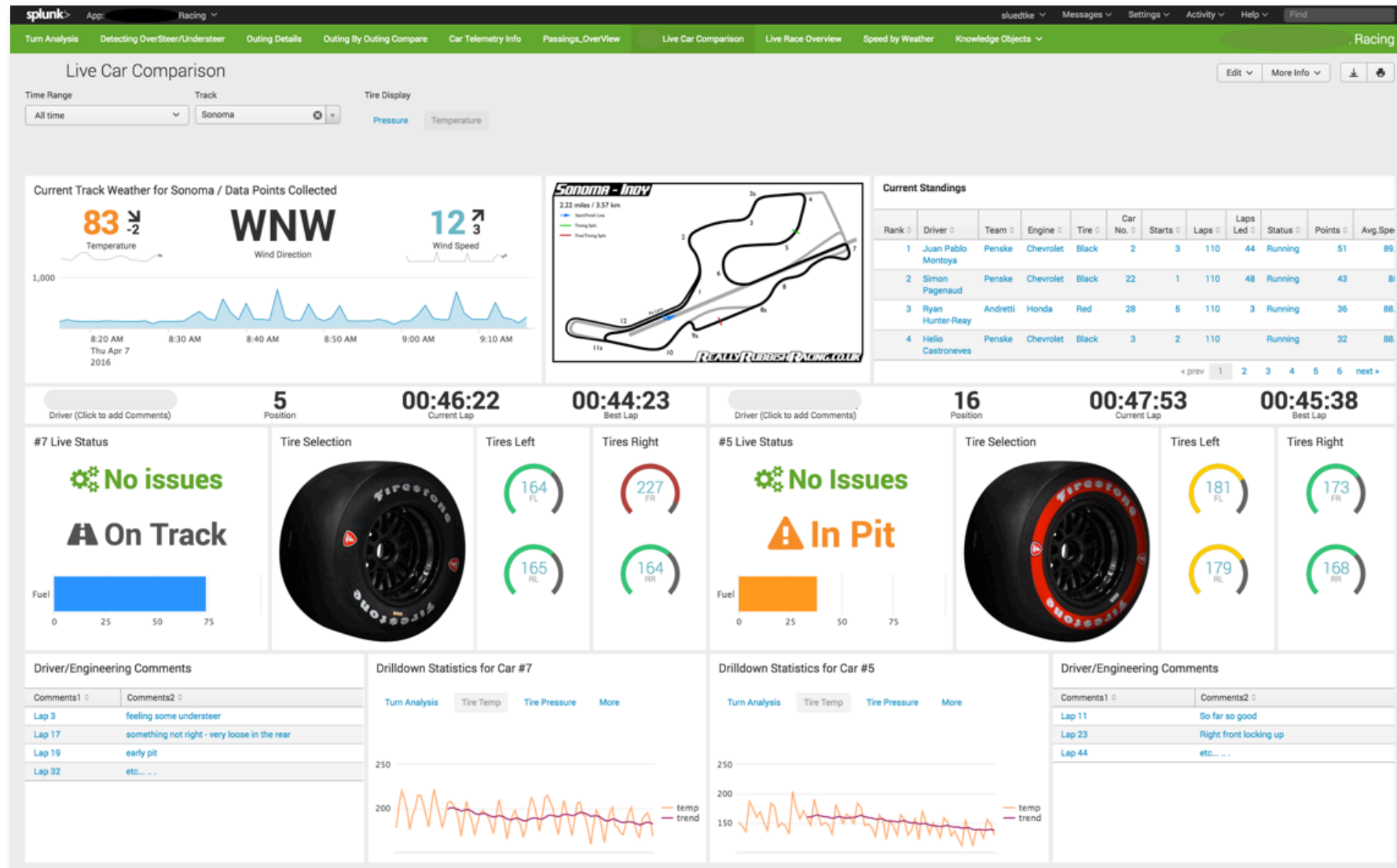
Native Visualizations In Splunk

► Native charts and maps
  • Bar / Line / Area charts
  • Bubble / Scatter plots
  • Gauges
  • Maps
  • Single Value Displays
  • Tables

► Generalized to fit use cases across many different areas

► Can be customized to some extent to cover specific use cases

Custom Visualizations FTW!

▶ Many use cases require a more specific visualization

▶ Specific custom appearance

▶ Represent data where native visualizations are not suitable

- You can Splunk everything!

- We won't be able to predict every possible use case

- **Still uses SPL to drive visualizations**
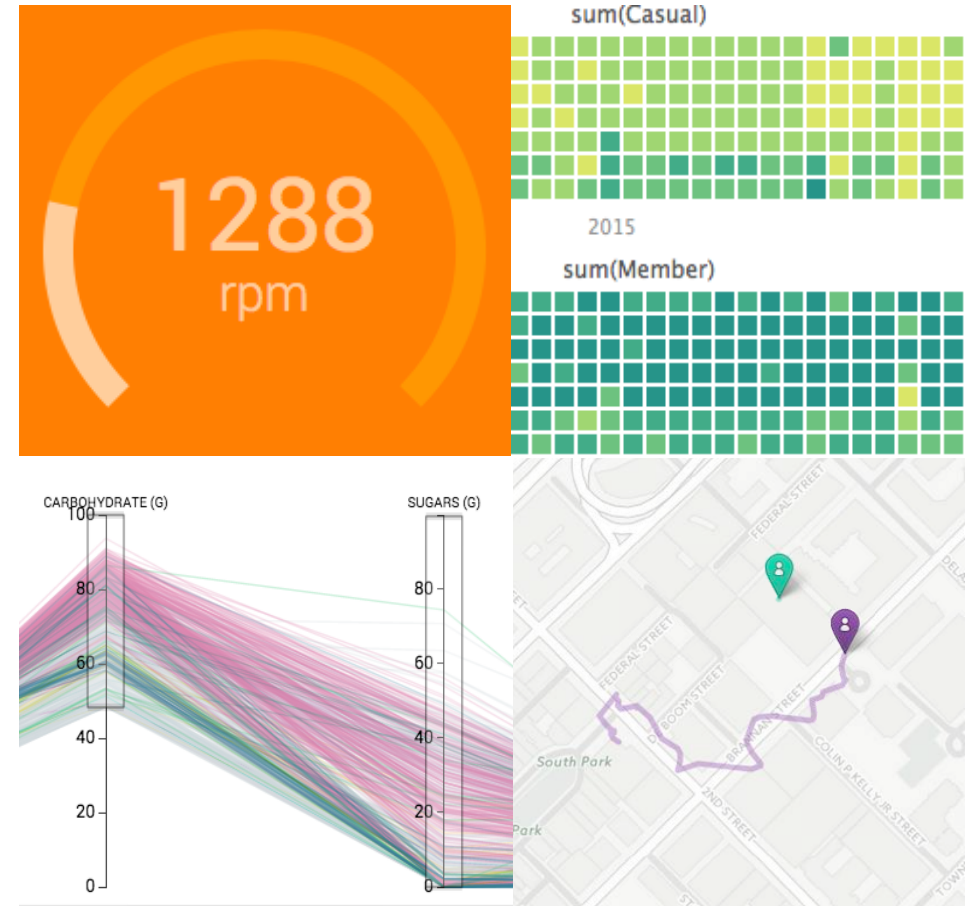
Custom Visualizations
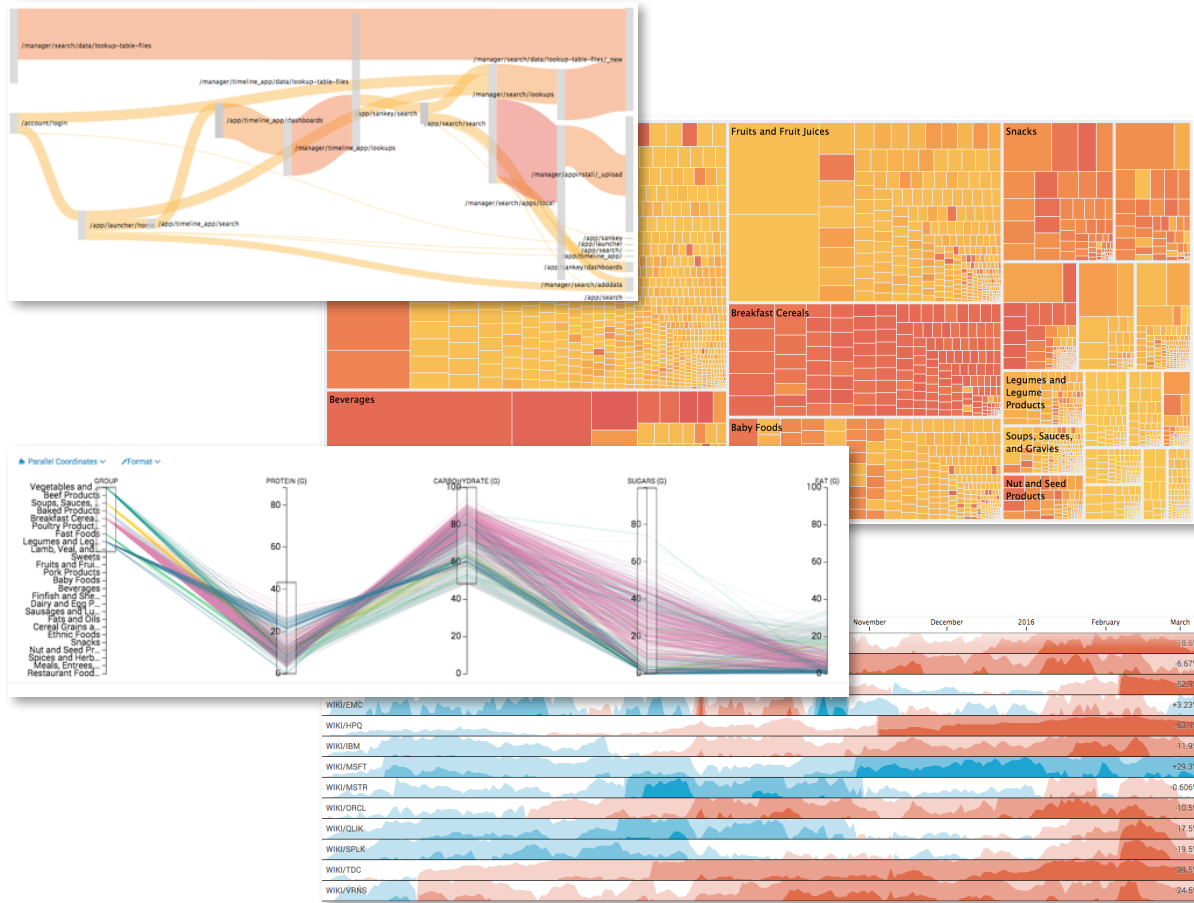
- ▶ Platform **extensibility** framework and API

- ▶ Targeted at internal and external **developers** with web development / JS skills and basic knowledge of the Splunk platform

- ▶ Developers can make use of any third party libraries (d3.js, three.js, highcharts.js, etc…) that run in the browser*

* with minor adjustments, and if third party license permits such use

Custom Visualizations For Admins

Installation

In-product

- **Packaged as an app!**
- Installed like any other app
- Users can search for visualizations on Splunkbase and directly in the product

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Custom Visualizations How-to

- ▶ Choose from potentially dozens of installed visualizations!

- ▶ Appears as a first-class citizen alongside native visualizations
  - Looks and works just like packaged native visualizations

- ▶ Customize functionality and appearance of the visualization without touching any code, straight from the UI

- ▶ **SPL Example provided as you hover over each visualization option**

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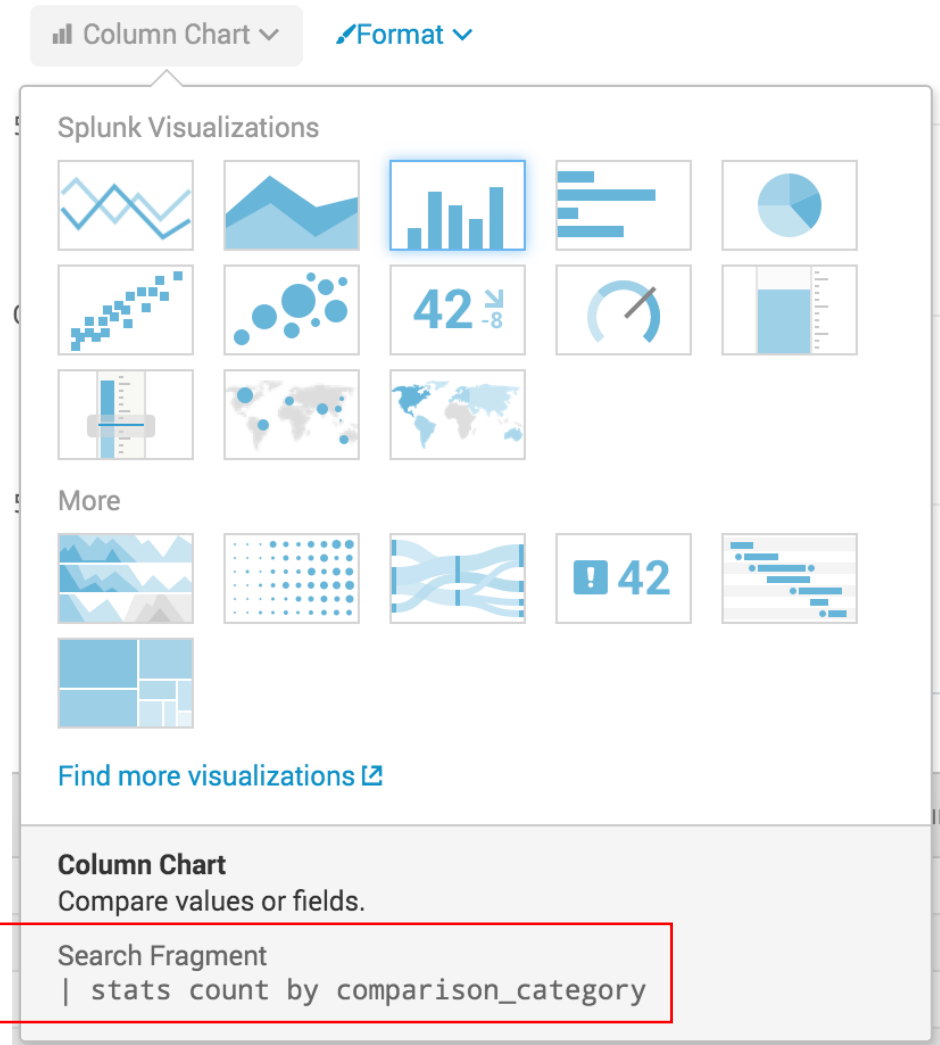
New Splunk Visualizations

Punchcard
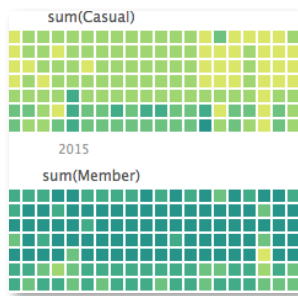
Calendar Heat Map
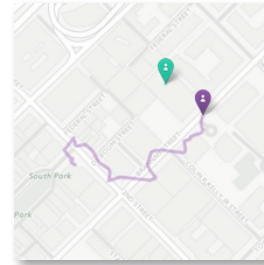
Location Tracker
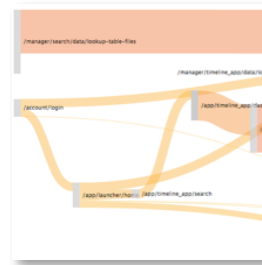
Sankey Diagram

Bullet Graph

Timeline
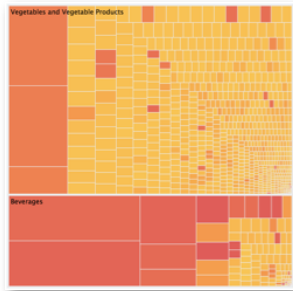
Treemap

Horseshoe Meter
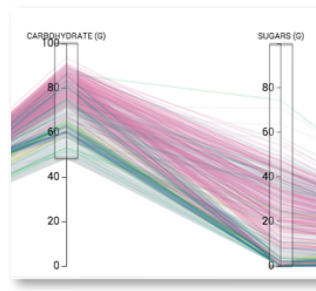
Parallel Coordinates
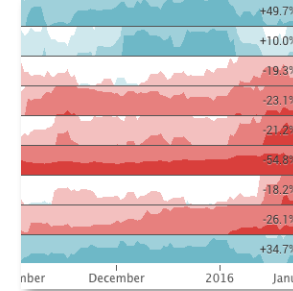
Horizon Chart
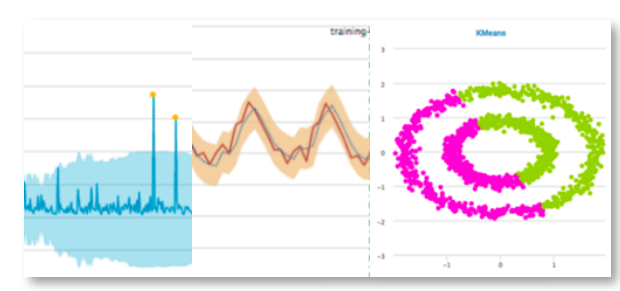
Machine Learning Charts

Multiple use cases across IT, security, IoT, and business analytics

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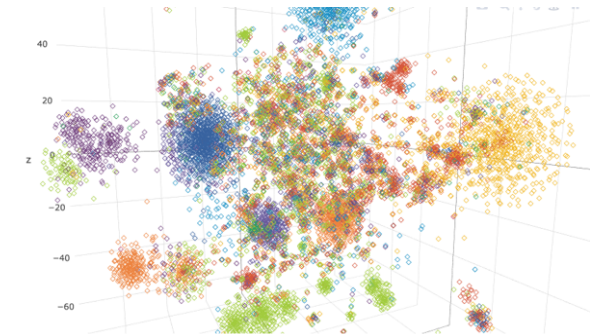
New Partner/Community Visualizations
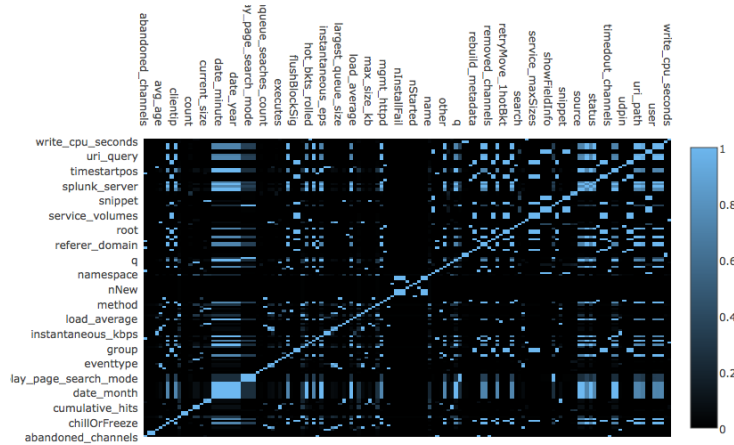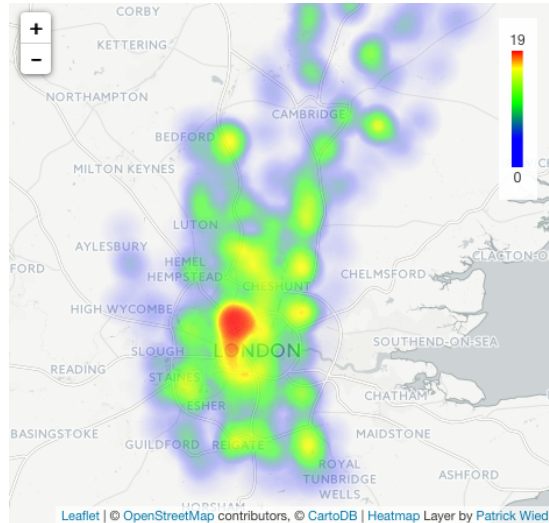

Heat Map
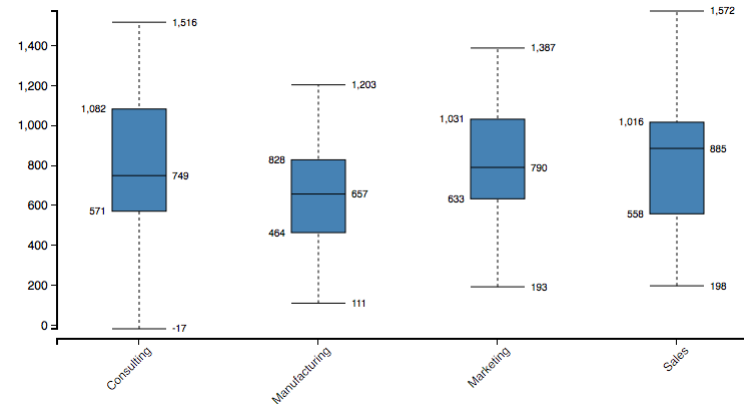
Box Plot

Wordcloud

Water Gauge
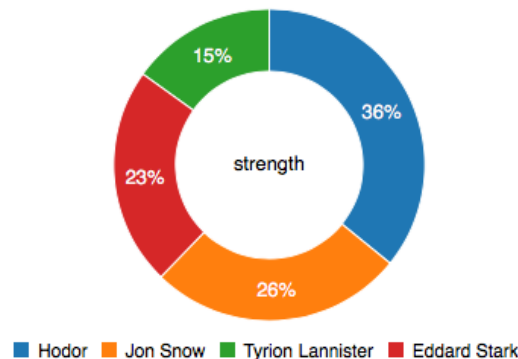
Donut Chart

3D scatter plot

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New Partner/Community Visualizations (cont)

Geo Heatmap

Clustered Single Value Map

Custom Cluster Map

Missile Map

Live Demo

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Resources

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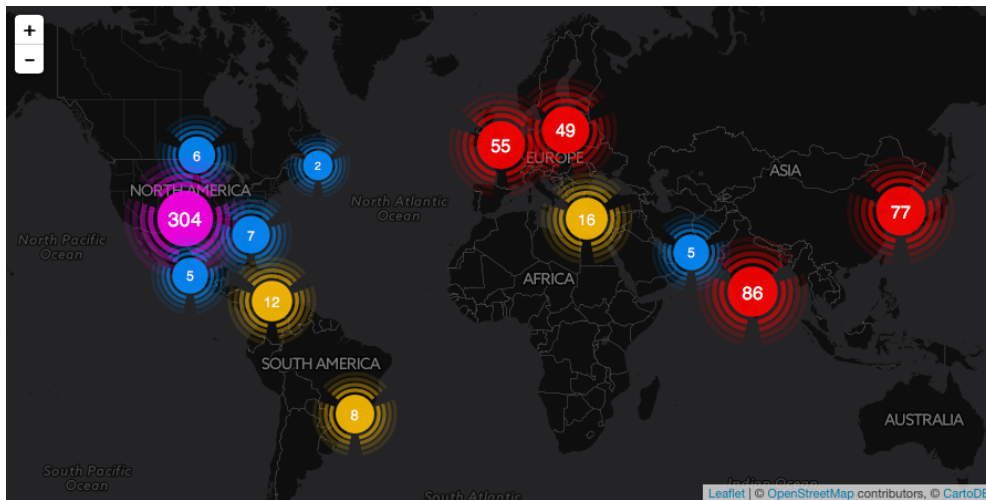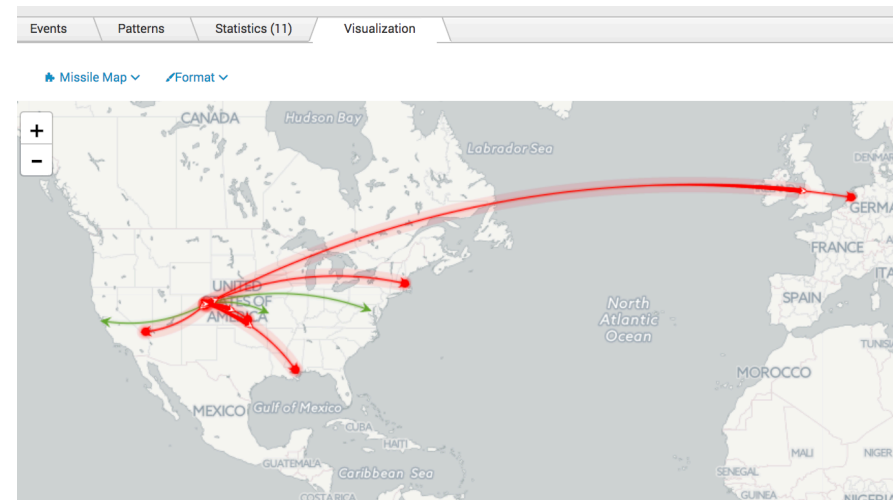
Resources

▶ [Dashboard Digest Series Blog](#) (7 Posts so far)

▶ [Dashboard Examples App](#)

▶ [Splunk 6.5 Overview App](#)

▶ [Splunkbase Custom Visualizations](#)

▶ [Docs](#)

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Q & A

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Thank You

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