Qlik Sense November 2018

最新機能のご紹介

Qlik LEAD WITH DATA

Release Highlights: November 2018

Qlik Sense

Cognitive Machine Learning

Insight Advisor – Light Authoring

Comparative Analysis

Advanced Authoring Improvements

Dashboard Extensions Bundle

Chart Sharing (multi-cloud)

Visualization and Mapping Enhancements

Admin, Multi-Cloud, and Accessibility Improvements

QlikView

Skia graphics library

ICU library

Engine and reload performance logging

Support for IPv6 and .NET 4.7.2

Qlik NPrinting

On-demand reporting for Qlik Sense

Authentication and management improvements

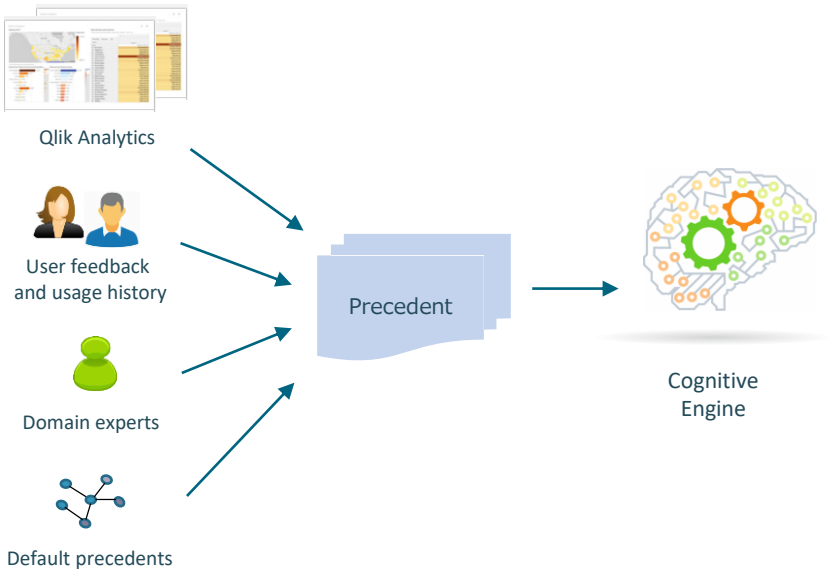
The Qlik Cognitive Engine

Augmenting user intuition with machine intelligence

- A new augmented intelligence engine in Qlik Sense
- Supports insight suggestions and automation
  - Built for analytics insight, not visualization
  - Context awareness
- Leverages the Qlik Associative Engine
- Machine learning for improved recommendations over time

Precedent-Based Machine Learning New

- Multi-source learning system adapts to improve accuracy and relevance over time
- Learning from multiple sources
  - User behavior and feedback
  - Qlik analytics and artifacts
  - Business definitions in governed libraries
- Planned additional sources
  - Industry specific and domain relevant knowledge
  - Social and organizational networks patterns and preferences
- Sophisticated default precedents



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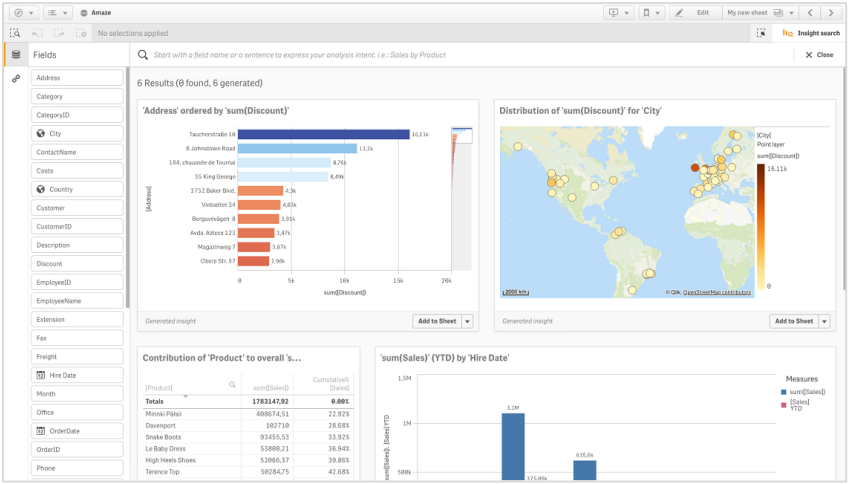
Insight Advisor

- Auto-generates and suggests the best insights for users to explore further
- Performs advanced analysis to generate and recommend insights
  - Based on the overall data set
  - Based on dimensions
  - Based on search criteria
- Auto-generates visualizations and analytics
- Allows users to add auto-generated insights directly to sheets

New

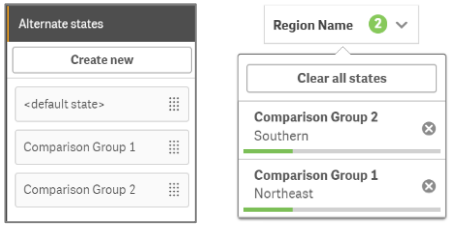
- *New machine learning capabilities for more relevant suggestions over time*
- *New light authoring allows users to change suggested visualizations and analytics for greater flexibility*

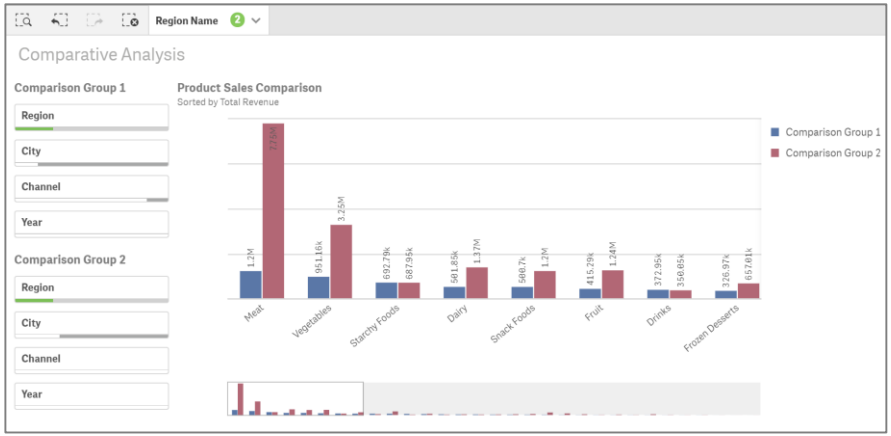
- Driven by the Qlik Cognitive engine



Comparative Analysis New

- Allows users to easily compare multiple groups of values to quickly spot similarities, differences, overlaps, and outliers
- Associative exploration enables interactive, user-driven comparison
  - Make interactive selections to define subsets of data for each group
  - Directly compare groups across multiple visualizations or together in a single chart
- Application creators enable user-driven comparative analysis
  - Define alternate states in master libraries
  - Create visualizations and objects based on alternate states
- Unlock new use cases for organizations to gain insights into relative performance





Advanced Authoring

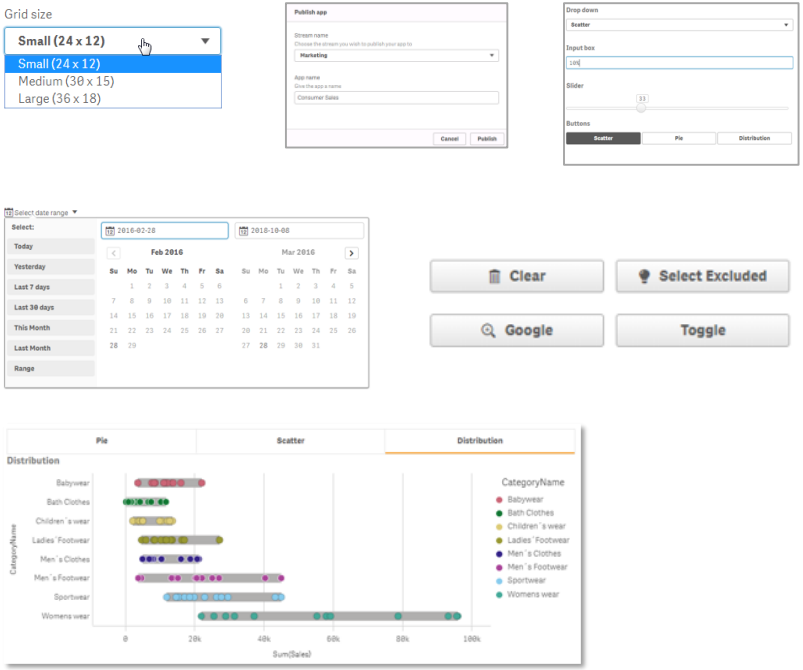
- A variety of new capabilities for building more sophisticated analytics apps, including:
  - Scrollable sheets
  - Resizable grid
  - Default bookmarks
  - Custom sheet sizes
  - *Single selection in filter boxes*
  - *Expression editor improvements*
  - Dynamic labeling
  - Direct editing of master items
  - Users controlled messages
  - Self-service publishing

New

New

- *New dashboard extension bundle*

  -Tested and supported by Qlik
  - Date range picker
  - Navigation button
  - Tabbed container
  - Show / hide container
  - Variable input box
  - On demand printing

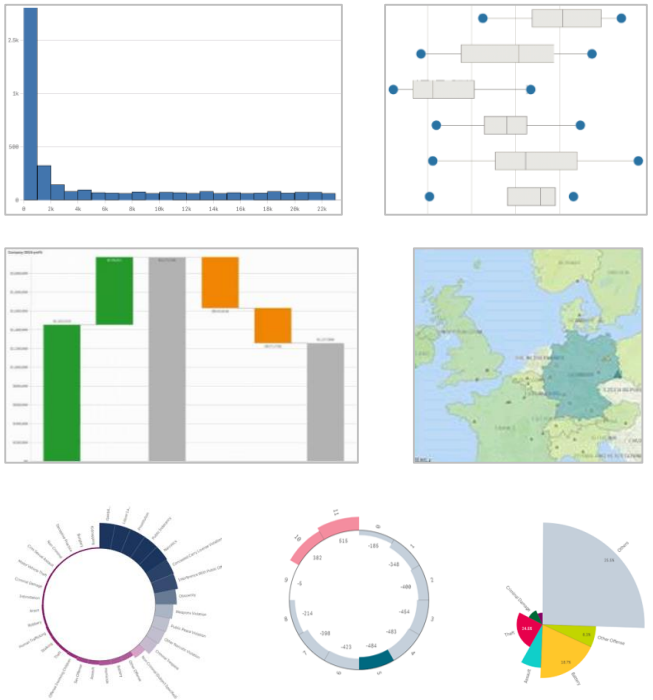


Visualization Enhancements

- Several new chart types in Qlik Sense, including:
  - Histogram
  - Box Plot
  - Distribution Plot
  - Waterfall Chart
- New map object taking advantage of Qlik GeoAnalytics technology

New

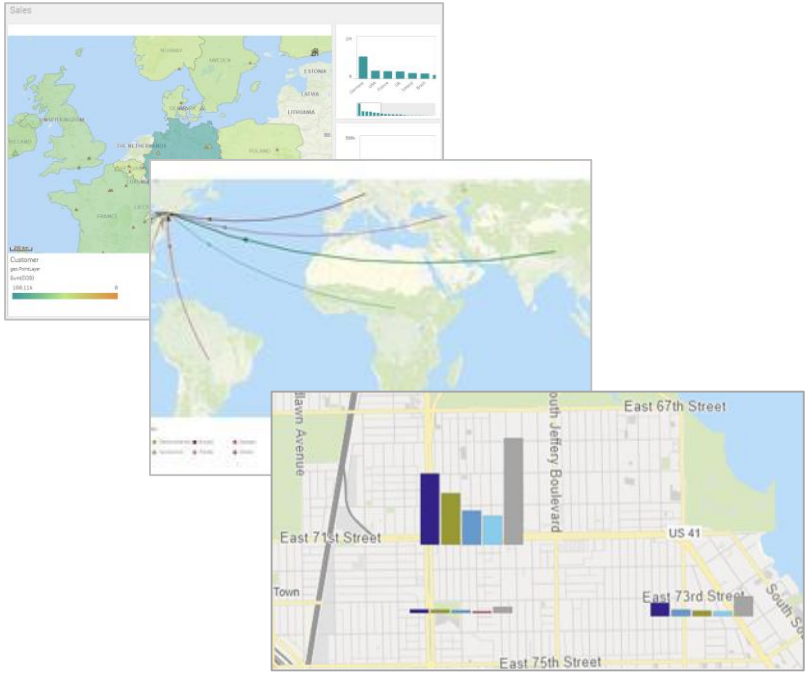
- *New improvements to pie chart, allowing a second measure for displaying values in the outer radius – a.k.a. a Rose Chart*
- Additional visualization improvements



Multi-Layer Mapping

- Based on GeoAnalytics technology
- Multiple layers, including line and density layers with layer control, zoom levels, and draw order
- Shapes for point symbols, including squares, triangles, pentagons
- Dynamic name lookup (location service), for countries, divisions, cities, postal codes etc.
- *New chart layer for displaying information (pie or bar charts) on top of maps*
- More background maps with English or local names
- More projections, including Mercator & Adaptive
- New configuration options – explicit location, color, size
- Circle select with distance measure
- Labels and drill-down support
- Support for large data volumes

New



その他

Import Export App enhancements

Outline opacity setting

Sharable Qlik Sense chart links

Multi-Cloud Developments

Accessibility

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