

What's New in Carriots Analytics 5.0

July 1st, 2018

Here are some of the new and updated features in Carriots Analytics. This release enhances features for Internet of Things (IoT), advanced analytics capabilities (Auto ML & Forecasting), UI/UX and charting components, along with performance improvements. Please refer to the release notes below for additional details.

Major Features & Enhancements:

- IoT focused features and new data connectors
- Auto ML/Forecasting - Three types: (Learn, Score, Forecasting)
- Search-based dashboarding
- Interactive on-chart filtering
- New chart types & UI/UX refinements

IoT Features:

- New MQTT web service connector to collect data from small sensory and mobile devices
- New data/time selector widget which enables filtering date-time dimension data up to 1 second granularity
- Generate email alerts based on user defined thresholds for specific measures

Data Connectors:

- Big Data connectors to Google BigQuery, HP Vertica, Amazon DynamoDB
- Time Series analysis - TimescaleDB connector allows the user to store and visualize large sets of time-series data. Datetime filtering capabilities let the user create time buckets to aggregate data or select any time interval down to the second.
- Connectors for a Web Service URL, MQTT, and Web Sockets
- Enhancement to Excel connector

Advanced Analytics:

- Auto-ML/Forecasting: Allow users to automatically build ML models without the need for any coding. Data is analyzed for multiple predictive models and the 'Best' model is picked for predicting/scoring new data. Users can write custom scripts leveraging simple APIs to fetch/push data to/from Carriots Analytics

Search Driven Analytics:

- Simply ask a question in the search bar
- CA will search across all related data sources for relevant dimensions and measures
- Automatic dashboard generation built off the search statement provided

Interactive Filtering:

- One click filtering on individual chart items
- Selected item will allow user to instantly filter the remaining charts on dashboard by user selection

Charting Enhancements:

- New Properties menu – all chart property categories now available to the user in one click tabular form
- Drill-by enhancements
 - Ability to export a drilled/temp chart to PDF/PPT
- Enhanced date filtering – Custom filter available (Last # days, # months ago, Year to Date, Between, etc.)
- Enhanced Boxplot chart type
- New Median/First Quartile/Third Quartile plotting options on bar/line chart
- New regression lines options (Linear/Polynomial/Exponential/Logarithmic) on bar/line chart
- Ability to change all properties on NextGen charts

Mobile

- CarriotsBI app available in the iOS App Store, Android to be released soon

Enhancements & Fixes:

- 339 enhancements & bug fixes completed