

| FEATURES      |   | DESCRIPTION  |
|---------------|---|--|
| DATA SOURCES  | Traditional data sources  | CSV/Excel files, Relational databases such as Oracle, MSSQL => MS SQL Server, PostgreSQL, SunDB, MonetDB, MariaDB<br>*Check comprehensive list of supported data sources on <a href="http://carriots.com/analytics">carriots.com/analytics</a> |
|               | Cloud data sources  | GDrive, OneDrive, Amazon Redshift, Salesforce<br>*Check comprehensive list of supported data sources on <a href="http://carriots.com/analytics">carriots.com/analytics</a>   |
|               | Real-time update  | Data sources can be synced in real-time via push notifications, on a schedule or on demand Active client charts, dashboards are refreshed in real-time   |
|               | Web Service Source  | Connect to a web service URL to tetch a JSON packet on a specified refresh schedule  |
|               | SSH connectivity  | Securely connect to data sources behind firewalls.   |
|               | Analytical Engines  | Includes an engine that is highly optimized for analytical processing. Bolt on support for Apache Spark, Amazon Redshift, Oracle, MS SQL Server, MySQL & MonetDB for direct data exploration   |
|               | Combine multiple data sources   | Ability to relate data between multiple data sources. Create a semantic star schema. Plot data from multiple data sources in a single chart.   |
| DATA PREP     | Automatic column type detection   | Column types are automatically detected. Users can modify. Supported data types include: Currency, Integer, Floating point Number, String, Date, Time, DateTime & GIS  |
|               | Automatic Sparse Data Browsing  | Automatic handling of sparse data to prevent browsing empty space.   |
|               | Automatic Cardinality Analysis  | Automatic statistical distribution analysis of Measures & cardinality analysis of discrete dimensions upon data import   |
|               | Hierarchies   | Define Hierarchical dimensional relationship or create new hierarchies (i.e. country & city, year & month)   |
|               | Drill Down  | Automatic Drill Down paths available along hierarchical dimensions   |
|               | Drill By  | Automatic Drill Down paths created from available user dimensions  |
|               | Drill Through   | User defined arbitrary drill paths   |
|               | Column formulas   | Create new dimension which is derived from other dimensions via user defined formula   |
| Row formulas  | Create new dimensional items as a formula involving other dimensional items |  |
| VISUALIZATION | Aggregation type  | Several supported aggregation types for rollup (SUM, AVG, MIN, MAX, COUNT, PROG, STD & VAR)  |
|               | Multi-level aggregation   | Ability to aggregate to a level and further aggregate using a different aggregation (i.e. average yearly rainfall).  |
|               | Chart, Page & Report level filters  | Ability to specify filters that act on just a given chart, page or an entire report. Plot data from multiple data sources in a single chart.   |

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|---------------------------|-------------------------------------|--|
| VISUALIZATION (CONTINUED) | Targeted Filtering                  | Ability to tie a measure to a specified browsing dimension.  |
|                           | Bookmarks                           | User defined bookmarks that allow the user to save a set of commonly used filters for quick access.  |
|                           | Search based -filter                | Ability to apply multiple filters by search  |
|                           | Localization & Internationalization | Locale specific data formatting. Frontend and backend support for Unicode character encoding, Support English, Spanish, French, German, Portuguese, Italian, Korean, Japanese, Chinese |
|                           | Pivoting                            | On the fly pivoting. Ability to pivot dimensions on the fly and slice and dice   |
| COLLABORATION             | Charting                            | Comprehensive charting suite with capabilities to zoom, set dual axis, multiple-scale, timescale, etc. with fine grain controls to format the chart.                                   |
|                           | Collaboration                       | Real-time collaborative authoring  |
|                           | Social share                        | Ability to share charts/dashboards in public forums & blogs  |
|                           | Embed                               | Seamlessly embed charts, dashboards & reports into 3 <sup>rd</sup> party applications.   |
|                           | Export                              | Page or entire report Export to PDF, PPT , Export Table to Excel   |
|                           | Mobile Apps                         | Ability to view created reports on mobile devices  |
| SECURITY                  | Single-Sign-On                      | Support for single-sign-on   |
|                           | Access Control                      | User, Group and Role based access control to Data sources & Published reports  |
|                           | Dimension item level access control | Restrict access based on the dimension items   |
|                           | Authentication                      | LDAP/AD, OAuth 2.0, SAML, SSH, Social, Carriots Analytics or Custom user authentication capabilities   |
| AUTOMATION                | Report templates                    | Save report templates. Reuse/re-map to different data sources  |
|                           | Report Bursting                     | Scheduled reports can be sent to multiple users, each with access controls applied to supply filtered reports for that specific user   |
|                           | Scheduler                           | Schedule data refresh, schedule PDF/PPT report delivery  |
|                           | API's & SDK                         | Open architecture to extend and easy integration   |

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