ORACLE
Oracle Enterprise Data Quality

Dashboard Essentials

Product Development
Introduction to the EDQ Dashboard

Zero training monitoring of data quality KPIs

• The Dashboard in EDQ provides a view of published Data Quality Metrics, tailorable for each user
• It is designed to provide a zero training user experience, so that any stakeholder can access Data Key Performance Indicators (KPIs), bringing DQ initiatives out of the back office
• Results are presented in a simple traffic light format
• Results are trended so that metrics can be monitored over time to verify the return on investment in Data Quality improvement measures
• Results can be aggregated in a number of ways
Publication of results from EDQ

- EDQ can publish the results of any ‘Check’ processor, and the ‘Parse’ processor, to the Dashboard
- These processors all classify data as good or bad (or occasionally indifferent), depending on their configuration
- The same results – and the data – can easily be published externally if more advanced reporting is required in a BI tool
EDQ can feed results and data to BI for more advanced reporting where needed.
Different Types of Result on the Dashboard

- **Summaries**: A simple collection of rules
- **Indexes**: A weighted index score based on many rules
- **Real-Time Aggregations**: Results of a real-time rule over a longer period, e.g. daily/weekly
- **Rules**: The results of a check on a job run, or over a real-time interval

**Key**

- Aggregates, and drills down to...
Typical User Roles

- **Data Analysts** (Director users) define which results are published from DQ jobs, and the names of each publishing rule.

- **Executives** (Dashboard users) customize the Dashboard to choose which results to monitor.

- **Administrators** (Dashboard Administration users) configure how results are aggregated and who can see what.
How to publish results to the Dashboard in EDQ (1)

Process configuration

1. Configure a Check or Parse processor to be able to publish its results, using the Dashboard tab
2. Enter a Rule Name for the results as they will appear on the Dashboard, and decide how to classify the check results:
How to publish results to the Dashboard in EDQ (2)

Job configuration

3. Configure the process task(s) in a job to enable the Publish to Dashboard option:

4. Run or schedule the job

Note that the option to Publish to the Dashboard can be externalized and overridden at runtime using a command line option or Run Profile.
Viewing the Dashboard

- The EDQ Dashboard can be viewed from a URL (bookmark), from the EDQ Launchpad, or from the context menu of a server in Director.
Choosing what to monitor on the Dashboard

• Users can easily change what they see on their Dashboards by clicking on the Customize button:

• It is then possible to add any available Aggregates (Indexes, Summaries, Real-Time Aggregations)...

• ...and to monitor rules on the front page (rather than by drilling down from an Aggregate), by selecting and pinning the rule:
Viewing History

- Indexes, Real-Time Aggregations and Rules all support History views. Select the element and click on the History icon:
- Indexes are analogous to stock market indexes; numeric values that go up and down.
- Real-Time Aggregations and Rules show the number or % of Passes, Warnings and Fails at each publication point.
Dashboard Administration

- Users with Dashboard Administration permission can configure the Dashboard by clicking on the Administration button:

  - Default status thresholds (may be overridden on each element)
  - How to aggregate results
  - All published results. By default, the publishing process generates a Summary
  - Define which user groups have access to results and their aggregations
The Customer Data Services DQ Health Check

- The EDQ Customer Data Services (CDS) Pack provides a menu of out-of-the-box rules for checking the quality of party data (Customer, Contact, Account, Employee, Supplier, Address), which are pre-configured to publish their results to the Dashboard, and/or to external reporting tools.
- See the Customer Data Services Pack DQ Health Check Guide for more information on the provided rules and publication to Dashboard.
More Information

- For more information on the Dashboard, for example for details on how Index scores are calculated, see the Online Help for Dashboard:
Our mission is to help people see data in new ways, discover insights, unlock endless possibilities.