



UNLOCK THE POWER OF YOUR DATA WITH OUR CUSTOM POWERIQ TOOL!

ANALYSIS



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Are you extracting the full potential from your Power BI environment? Experience the capabilities of PowerIQ - a tool designed to streamline performance, align with industry benchmarks, and enhance data visualization with ease.

PowerIQ is a tool that works with Power BI, a data visualization and business intelligence platform. It encompasses features such as the Best Practices Analyzer, configuring alert settings, and reporting disparities from Microsoft Power BI standards when a dataset diverges. PowerIQ also enhances the features of Power BI by providing alerts and notifications on the datasets, gives a comprehensive picture about data refresh history and design dashboards with the latest datasets. Because of this, PowerIQ makes Power BI a more robust tool for data visualization, as it enables users to see the impact of their data and performance.

PowerIQ also has admin level features that give admins complete control over the PowerIQ settings and policies, such as best practices analyzer, configuring alerts settings, and reporting errors when a dashboard deviates from Microsoft Power BI standards. Here are a few features that are available for a Power BI admin on PowerIQ tool:

ADMIN LEVEL FEATURES:

Best practices analyzer/compliance to standards:

This feature allows a Power BI admin to track the compliance of reports with 6 different parameters - Performance, Formatting, Maintenance, DAX Expression, Error Preventions and Naming Conventions. The tool clearly reports on the deviations from standards and classifies the errors into - Low, Moderate and Critical. A Power BI developer can follow the error report and fix them to ensure the dashboards and reports comply with the Microsoft Power BI standards.

Performance:

- Optimizes Power BI model performance by considering relationship design, model architecture, and efficient query execution.
- Adhering to performance guidelines ensures models deliver responsive and efficient data analysis experiences.

Formatting:

- Standardize data presentation within Power BI to enhance clarity and consistency.
- Adhering to formatting guidelines improves the visual representation of data, making it more accessible and understandable for end-users.

Maintenance:

- Streamline the maintenance and management of Power BI models by ensuring proper documentation, removing unnecessary elements, and optimizing relationships.
- This enhances model efficiency, simplifies troubleshooting, and contributes to overall performance.

DAX Expression:

- Provide guidelines for creating effective, readable, and reliable DAX expressions within Power BI models.
- Adhering to these recommendations ensures safer division operations, consistent referencing of columns and measures, and optimized use of functions like DIVIDE and TREATAS.
- The goal is to create robust, error-resistant DAX expressions contribute to overall model efficiency and accuracy.

Error Prevention:

- Prevent common errors and issues that may compromise the integrity and accuracy of the Power BI data model.
- Focus on error prevention in data and calculated columns to maintain a robust foundation for data analysis and visualization.

Naming Conventions:

- Establish and maintain consistent naming conventions for objects within the Power BI model.
- Ensure clarity, avoid special characters, and adopt conventions that contribute to a more organized and easily navigable model.

Timely Updates on gateway statuses:

- Receive proactive system alerts for offline gateways.
- Act swiftly upon notifications.
- Prevent potential data disruptions through prompt action.
- Empower users with a seamless, enhanced gateway experience.



Track Inactive Datasets:

- Enables Admins to track inactive datasets, reports, and dashboards and send email alerts to the users to clear them.

Subscription Management:

- Provides administrators access to detailed dashboards and report subscriptions, allowing them to enable or disable subscriptions.

USER LEVEL FEATURES:

PowerIQ also provides user-level features that enhance the capability of the Power BI environment. PowerIQ users can develop value-added dashboards and reports that display healthy dashboards and assist clients with making informed decisions to with updated datasets. PowerIQ users can also share these dashboards and reports with their clients, who can access them with their own Power BI licenses. Some of the PowerIQ features that complement a Power BI developer are:

Easy Data Refresh:

- Enhances data management with bulk and selective dataset refresh options.
- Efficiently shares refresh statuses and provides on-demand refresh updates.

Query Simplification:

- Streamline complex queries with our intuitive tool.
- Improve efficiency and reduce query complexity with a single click.

Workspace Management:

- Simplifies Workspace Management by alerting the user to add or update users in the workspace.
- Restoring a deleted workspace and report workspace usage metrics.

Performance Enhancement:

- Identify and address bottlenecks affecting your Power BI environment.
- Optimize queries and data processing for lightning-fast performance.

Adherence to Industry Standards:

- Ensure your Power BI setup aligns with industry best practices and compliance standards.
- Receive real-time suggestions for maintaining regulatory requirements.

Data Refresh History:

- Maintains a comprehensive dataset refresh history for reference.
- Simplifies the monitoring of the last refresh and average refresh time effortlessly.

Error Prevention:

- Proactively identify and rectify potential errors before they impact your reports.
- Minimize downtime and ensure the accuracy of your data.

Alerts & Notifications:

- Customizable alerts based on specific thresholds and user preferences.

Effective Utilization of Data Elements:

- Access detailed information on dashboards and tiles seamlessly.
- Gain insights into the most impactful data elements for your specific business needs.
- Enhance decision-making by harnessing the full potential of your data.
- Facilitates hassle-free sharing and downloading of reports to multiple users.

USABILITY FEATURES:

Improved Look and Feel:

- Elevate the visual appeal of your reports and dashboards.
- Access recommendations for enhancing the overall aesthetics and user experience.

Ease of Maintenance:

- Simplify ongoing maintenance tasks with automated suggestions.
- Stay on top of updates and streamline the management of your Power BI environment.



FEATURES

Feature Comparison: Power BI vs. Power IQ

Standard Power BI	Power IQ
Alerts are not generated when the gateway is not operational.	Safeguards gateway information and schedules alerts for logged-in users in case the gateway goes offline or becomes unreachable.
Option to initiate the refresh of multiple datasets or all datasets simultaneously is not provided.	Enables bulk data refresh for multiple datasets, streamlining the refresh process.
Information is not provided when consecutive dataset refreshes are unsuccessful.	Gathers previous refresh history, identifying consecutive refresh failures, and notifying multiple users.
Lacks the ability to issue alerts in case a data refresh exceeds the anticipated duration.	Calculates dataset refresh time and issues alerts if it exceeds the defined threshold.
Maintains a 7-day refresh history per dataset and shows 20 records to users.	Maintains a comprehensive refresh history ensuring users have access to extensive dataset records.
Alerts are not sent when a workspace is shared with a new user.	Sends alerts to both workspace owners and new users whenever workspace access is shared.
Downloading and sharing reports is a cumbersome process.	Simplifies the process of downloading and sharing reports for a more user-friendly experience.
Setting or updating the schedule refresh will not trigger any email alerts to users.	Offers the flexibility to schedule email notifications daily, weekly, on weekdays only, or monthly.
Allows to track the inactive datasets, reports, and dashboards only through API.	Enables Admins to track inactive datasets, reports, and dashboards without the hassle of purchasing the API.
Access to subscription details is provided only through API.	Admins can access user dashboards and report subscriptions, enabling them to manage subscriptions.

How It Works:

PowerIQ tool seamlessly integrates with your Power BI environment, conducting a comprehensive analysis with a single click. Receive actionable insights and recommendations tailored to your unique setup, ensuring you unlock the full potential of Power BI effortlessly.

Take Control of Your Power BI Environment Today!

Transform your data analytics journey with our cutting-edge tool. From performance optimization to industry compliance, our solution is your one-stop destination for achieving peak Power BI efficiency. Experience the power of intelligent insights and propel your business forward.