

DATA YA

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TEAM



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ABOUT IT

Purpose

It provides companies with a comprehensive solution for decision-making based on real-time data. It allows keeping updated and relevant information, obtaining insights and visualizing them, this in order to improve efficiency in decision making, while the user learns more about their business and understands trends and opportunities.

Scope (final and first version)

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ABOUT IT

Product overview

Product Perspective

The connection of databases is compatible with the software to the visual presentation of insights through dashboards

User Characteristics

It is focused on the analysis of data in real time, integrating with various sources of information, giving way to a continuous and updated collection of key business data (The final version)

Functions

- Real-time data collection from compatible databases and external sources.
- Data processing and analysis to obtain insights.
- Production of customized reports and dashboards.

Limitations

Definitions

References

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VALUE PROPOSITION

The relevance of this service lies in its ability to process and analyze data, while transforming them into valuable and significant insights.

Specific requirements

External Interfaces:

- It will not be develop a user interface in the scope of this project, however it may be used a external resource or an API to the visualization of the data as user interface
- Security interfaces are not a requirement part of the scope of the first version, however it is one of high priority.

Fuctions

Usability Requirements

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Performance requirements:

- Response Time: real time (updated data, not only static or historic data)
- Scalability (for the initial version, the scalability is not a relevant factor because the size of the database, however it may be useful to include a cloud version capable to support a larger process).
- Availability is a strong performance requirement because the value proposition is the access to the data in real time.

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Logical database requirements: the data base must be cleaned and organized to make it ready for the analytics process

Design constraints for the first version: Hardware and performance constraints for a large database. Security constraints must be take into account for the final version of the software, however, in the scope of the test database it is not required