ValQualIm

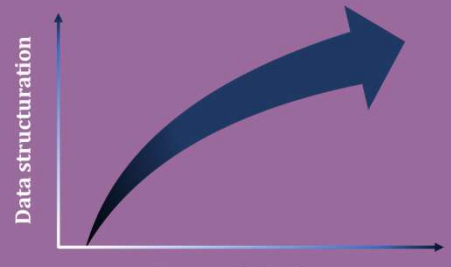
Let’s value your data !

ValQualIm

Most companies can have access to a huge amount of data but cannot exploit them. ValQualIm helps you getting the most of your data via a wide range of analysis services.

1. Determine objectives
2. Data acquisition
3. Data transformation
4. Data organisation
5. Analysis

We adapt to your needs to provide you with the best application



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First of all, it is necessary to get a clear understanding of your objectives. This means for us:

- Understanding your business
- Understanding your needs

  What do you want to see?
  Which KPIs should be highlighted?
  How often should the data be updated?
  Who have to access, and to what?
  How users have to access?

- Specify appropriate deliverables

Determine objectives

1

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As data can come from multiple sources, multiple formats, the next step is to gather needed data.

- **Data census**
  - Identify needed data ?
  - Where are data ? Intern, extern (availability & conditions)
  - Which format ?

- **Data collection**
  - Data collection process establishment (Manual or automatic)
  - Frequency of data acquisition
  - Access to third party databases via API

Data acquisition

2

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Data transformation is a key step to ensure quality of the results and robustness of the solution

- **Cleaning**

  Duplication, missing…

- **Coherence and integrity check**

  Removal irrelevant unwanted or invalid information.

- **Homogenization**

  Format

Data transformation

3

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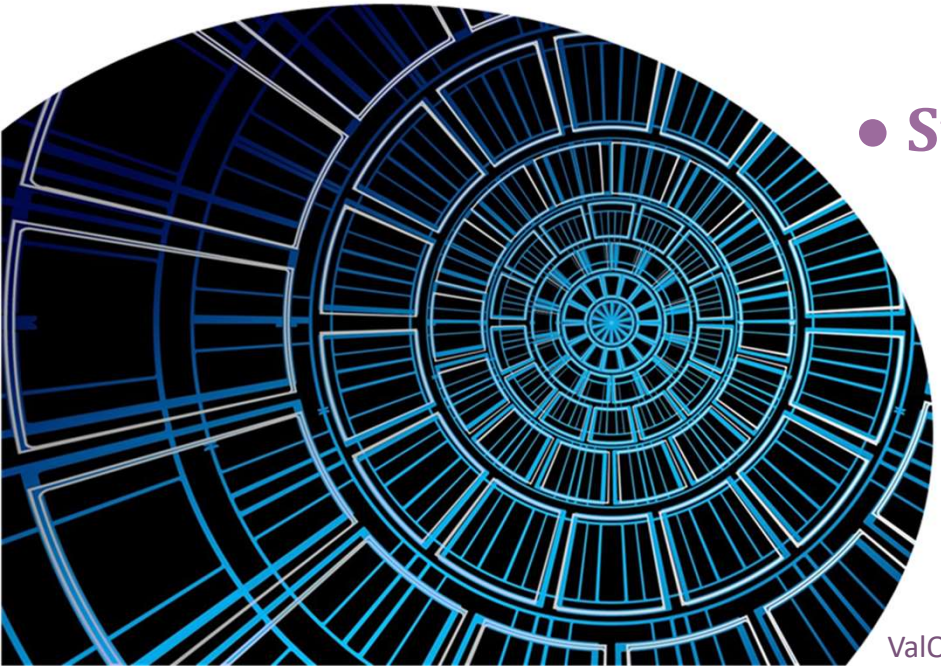
Creating groups of data and defining links between them provides the possibility to navigate dynamically within the data

- **Grouping data**
  - What are the variables?
  - Is there a data hierarchy?
- **Union**
  - Relationship between variables?
  - Creation of intermediate and conversion tables
- **Storage**
  - Transfer in appropriate database?



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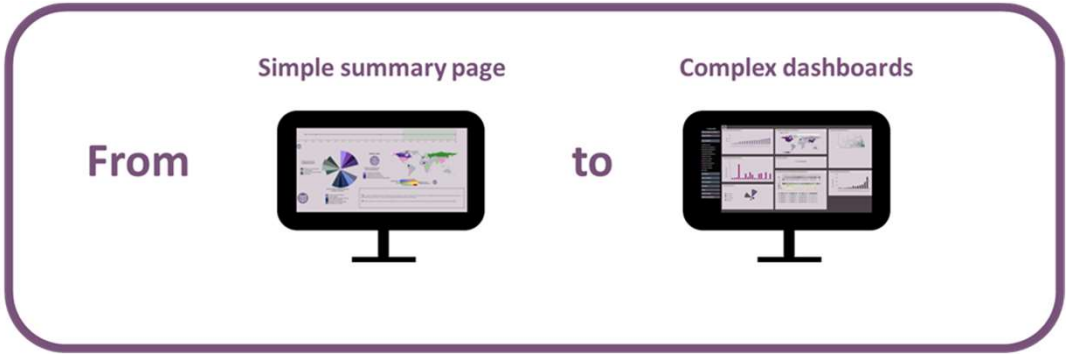
Efficient data Analysis is closely linked to the development of a powerful user graphical interface

- **Graphics**
  Histograms, donut, bubble, maps…
- **Graphs organization**
- **Particular cases gestion**
  Avoid empty graphs
- **Graphs interactions**
- **Features**
  Filters, comments, image export; data export, share…
- **General style**



Analysis

5

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Creation of a dynamic dashboard implies the management of the access rights, update processes and maintenance

- **ACCES**

  Secured access by login / password over https.
  Access Rights management : who access and to what ?
  No software installation or maintenance for end user, WebApp.

- **UPDATES**

  Manual or automatic.

- **DEVELOPMENT / DEPLOYMENT/ MAINTENANCE**

  According to your needs.

6

App management

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We have developed our own tools and are able to support you at each step of your project.

Stage	Task	Commercial datavizualisation solutions	ValQualIm	Internal skills or consultant intervention
Determine objectives	Understanding your buisness	✗	✓	✓
	Understanding Your needs	✗	✓	✓
	Specify appropriate deliverables	✗	✓	✓
Data acquisition	Data census	✗	✓	✓
	Data collect	✗	✓	✓
Data transformation	Cleaning	✓	✓	✓
	Homogenization	✓	✓	✓
Data organization	Grouping /Union data	✓	✓	✓
	Storage	✓	✓	✗
Analysis	Graphics	✓	✓	✗
	Graph organization	✓	✓	✗
	Particular cases gestion	✗	✓	✓
	Graph interactions	✓	✓	✓
	Features	✓	✓	✗
	General style	✓	✓	✗
Application management	Acces	✗	✓	✓
	Updates	✓	✓	✓
	Development/deployment /maintenance	✗	✓	✓

As a fully integrated player, we do not depend on commercial software providers for functionalities, licenses, upgrades…

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Because we can help you at every step of your project, we can ensure:

- 100% Customization
- Flexibility
- Quality
- Reactivity
- Reliability
- Speed
- Robustness

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Our skills are applicable to many types of data, and in particular to heterogenous data. What type of data would you like to value ?

Contact us
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