

Report Factory

An innovative and robotic Reporting factory infrastructure

Internal

External

Regulatory

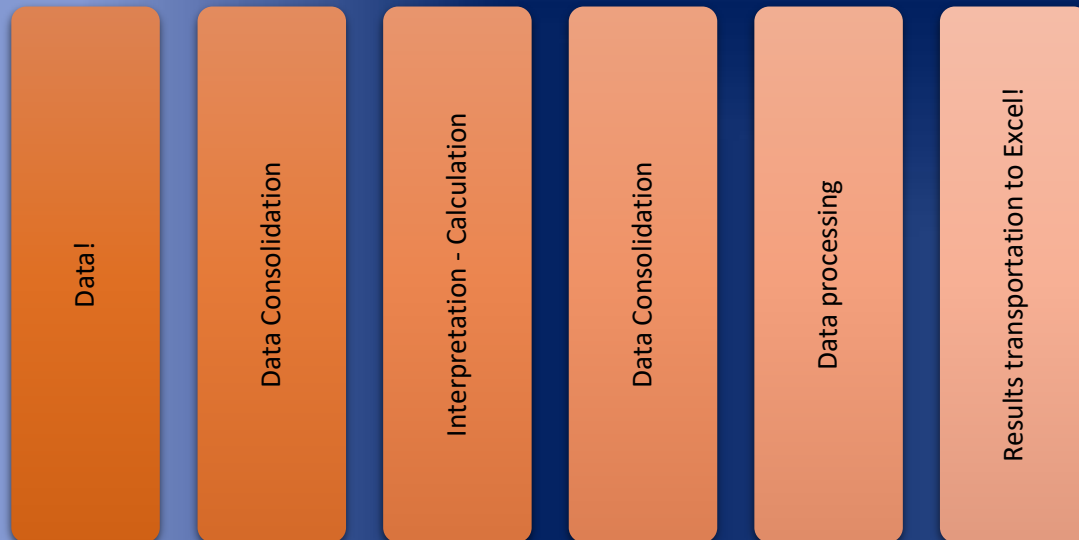


- Very complex
- Require data transformation
- SQL skills
- Assigned to third parties

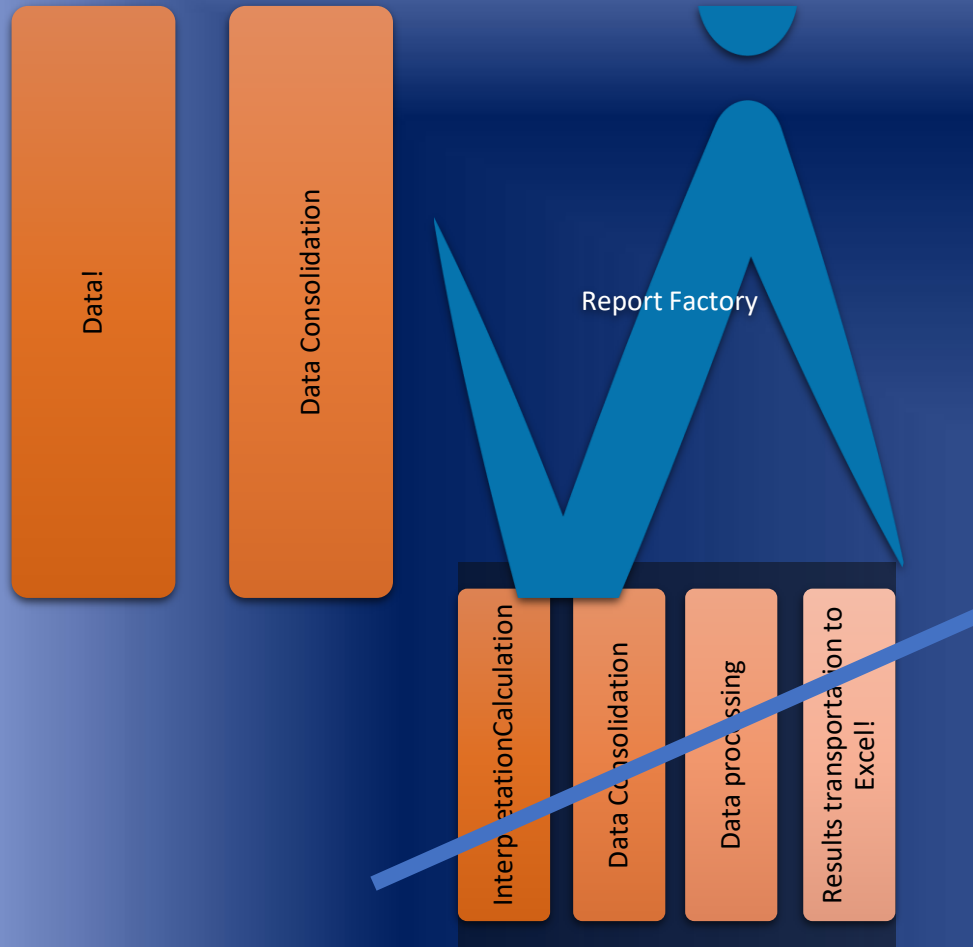
Time - Money - Risk

Generated by
different
Business Units

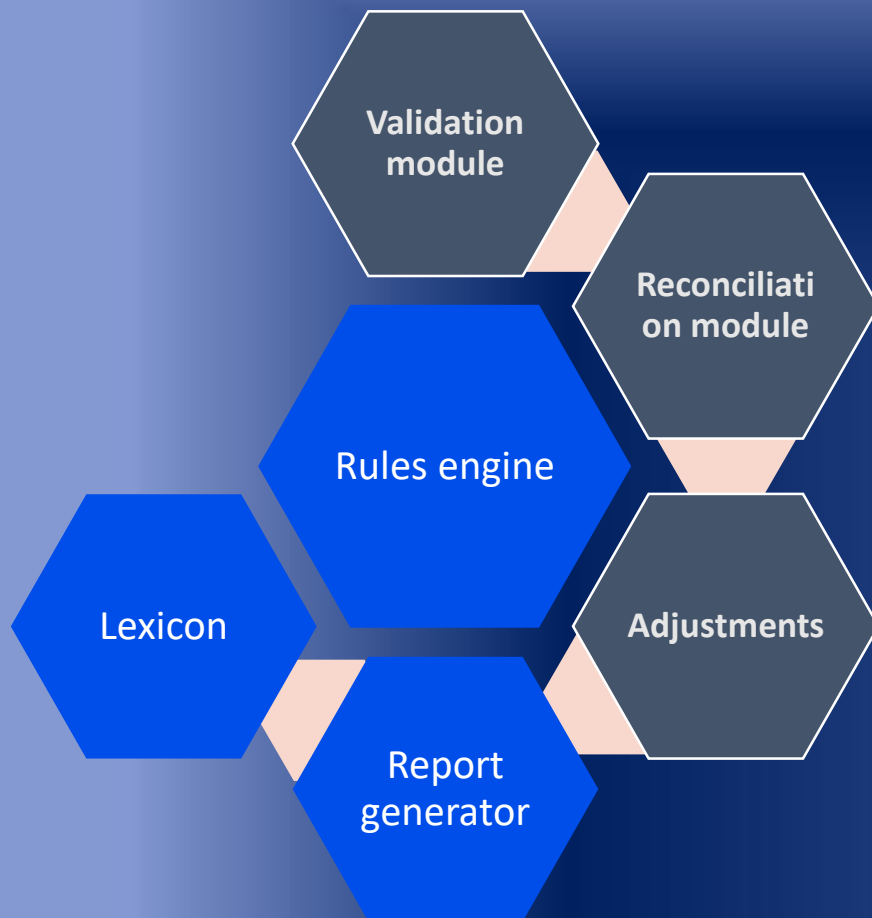
- No central control
- Ad hoc solutions



- The reports templates requires info from many different storage areas
- Data should be interpreted in business figures but many times not in the same context across reports
- Multiple executions of Queries
- Repeatedly execution of Queries
- Changes in Queries criteria
- Investigation requires to follow the route back to the source
- The rule that 'name' the cell figure is mainly in a not readily format (sql string, filters in a pivot, parameters in a (xlsx) function etc)
- Validations within a report or across reports demands additional queries
- COPY and PASTE functionality – no traceability



- The reports are listed. Per Category, per Report, per Unit
- Dimensions which are common per report are variables and run on demand
- Each cell has its own identity
- Each cell has its own lemma in Lexicon
- Each report – per any variable – has its documentation regarding the content
- Any figure is traceable back to the source
- All the reports are reversed to data sets.
- Rules set up once by the user (business user)
- Data are viewed, interpreted and transported to the cell (by the user)
- Reconciliation is on demand
- Validation Rules set up by the user
- Validation is on demand
- All in Report Factory application



- Rules Engine: The application's core engine, where cell rules are set, through a user friendly interface. No technical skills required.
- Lexicon: A rules vocabulary, a must have for audit purposes
- Report generator: This module automatically generates the reports for all appropriate entities (group, solo, segment, branch, other)

MVP version

- Validation module: Validation rules defined by regulators can be easily imported. Users can also define their own.
- Reconciliation module: Alerts can be defined when report figures are not in agreement with external ones (balance sheet, P&L account, other)
- Adjustments: A practical solution to a real world situation: micro-adjustments for figures agreement

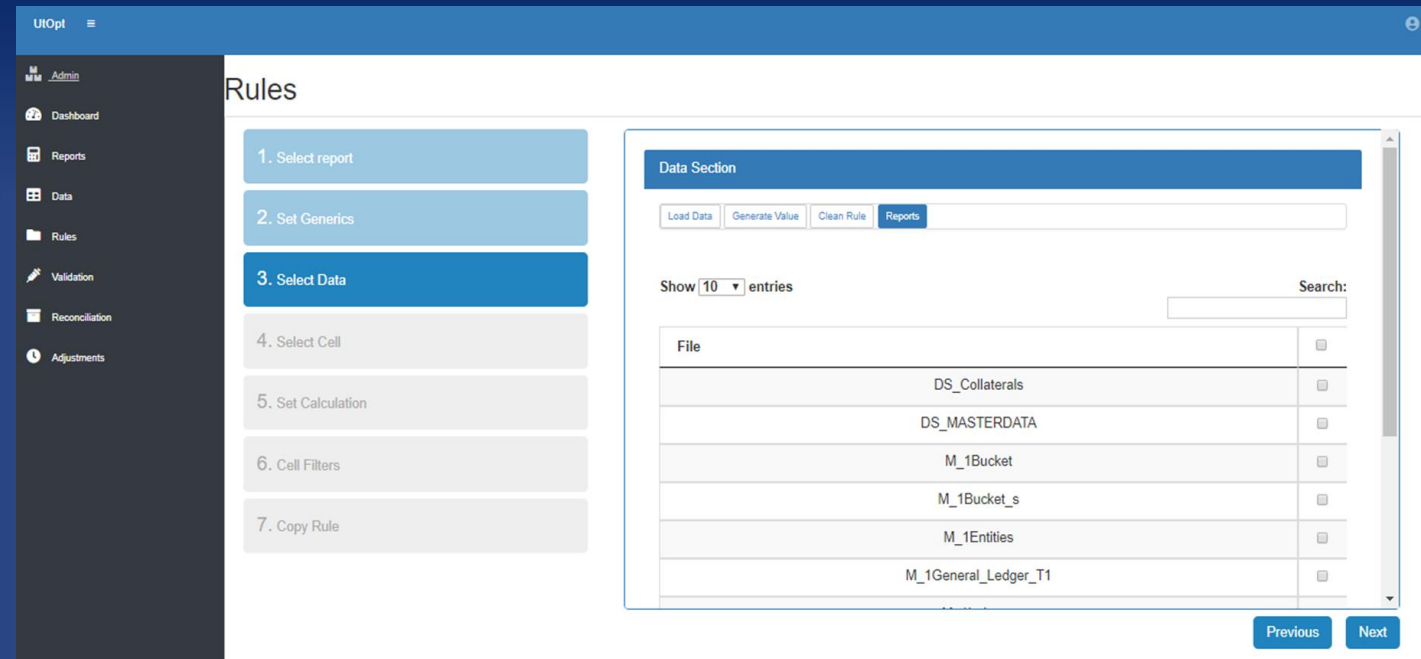
Under development

A **unique** approach within an Enterprise which **standardizes and facilitates** the generation of reports.

- Designed for the Business Users
- Report rules set-up through a GUI
- No technical skills required

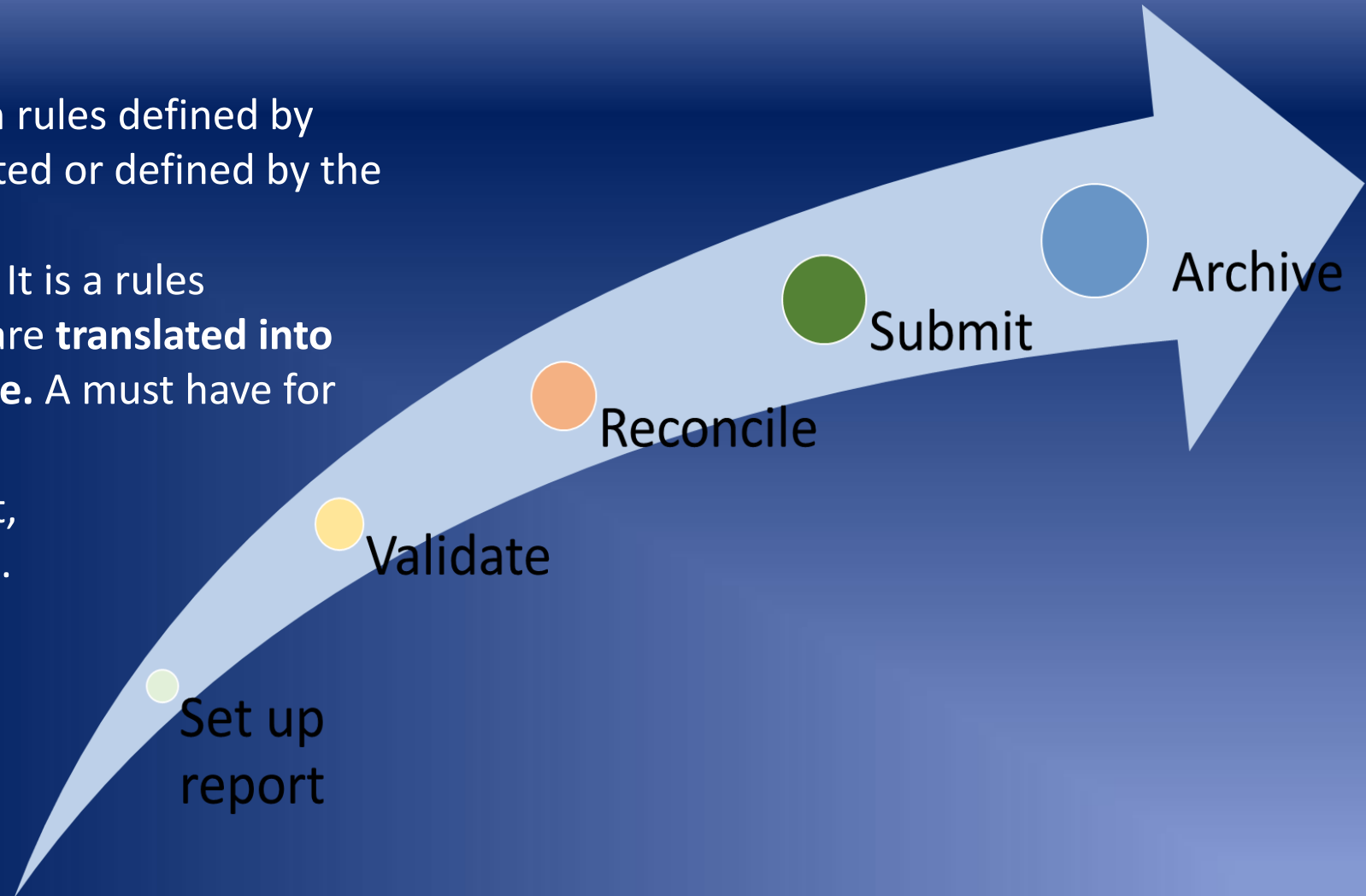
- Each Business Unit accesses its own reports and data

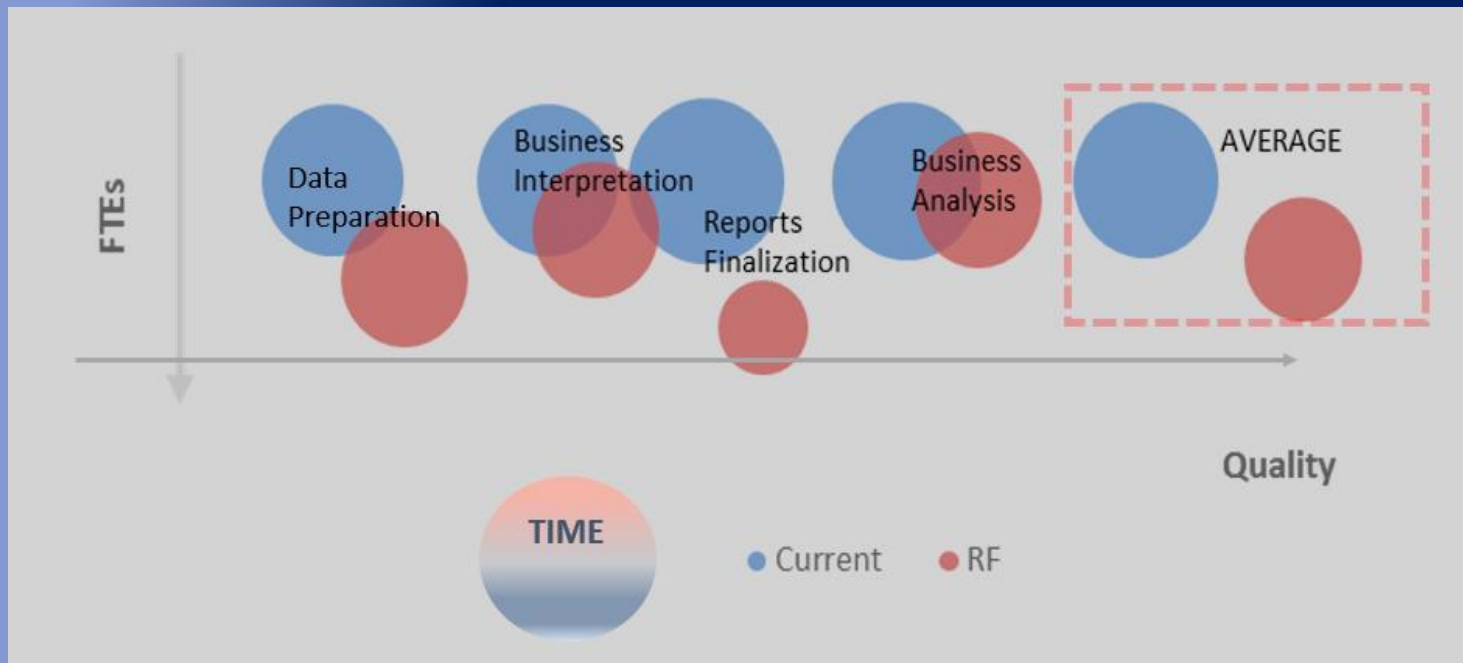
- Centrally administrated and completely auditable



File	
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DS_MASTERDATA	<input type="checkbox"/>
M_1Bucket	<input type="checkbox"/>
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- Validation/reconciliation rules defined by regulators can be imported or defined by the Business Units
- “**Lexicon**” is introduced. It is a rules dictionary, where rules are **translated into comprehensive language**. A must have for auditing purposes.
- Modifications per report, rule and user are logged.
- Published reports can be modified only with administration rights





What RF is not...

- **A Report Builder**
RF uses already made report templates
- **A Database**
However, data transformation through RF creates a “visual” datamart that can be exported
- **A Data mining tool**
Although this “visual” datamart can significantly facilitate data mining

- Cost & resource cutting
- Risk mitigation
- In time submission
- Audibility

Thank you