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MasonBreese
Data Analytics

How to push data governance to a new
horizon with Alteryx in two months

A real life case study

What was the project?

Project scope

- Compliant regulatory reporting for jurisdiction of Gibraltar

- Resolve discrepancies of £100 million from disparate data sources within the same institution

- 100% (zero exception) alignment of company wide data

Additional challenges solved during the project

- Overcoming the highly complex structures of the client data warehouse

- Understanding pre-existing daily procedures which updated/populated tables and their relation to the data discrepancies

Why did we use Alteryx?

Alteryx allows native simultaneous connections to multiple data sources - in this case, a data warehouse and a set of the clients excel spreadsheets.

We extracted the data to an Alteryx database: a flat file which Alteryx can work with natively and is tailored for use as a data source for workflows. This is a great solution for large scale data operations with several hundred thousand or millions or rows of data, rather than querying a live database over and over, slowing down both the development process and the warehouse for other users.

We were able to collate the dataset into an Alteryx database and load it into the workflow quickly and repeatedly, allowing for rapid development.

Once workflows were built, they were available to be used against live data. In this case, workflows were used to record the results of each previous day's data remediation and to provide the next data

sets for the upcoming day's investigation work. Discrepancy rates were collated for daily reporting as a part of the routine.

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Our achievements,
the client's benefits
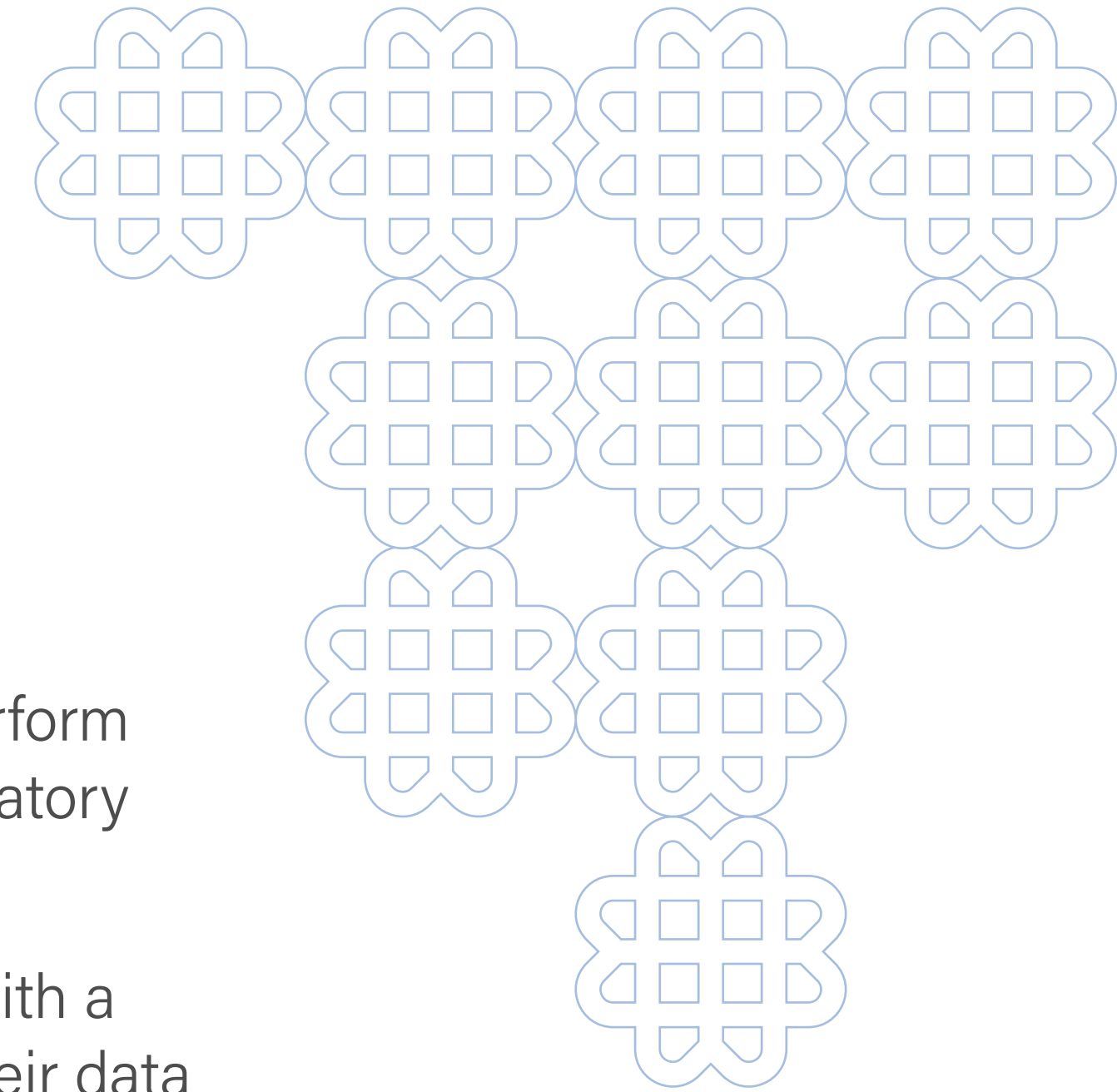
Data management

- 100% alignment of company-wide data

- Concise explanation of the sources of differences

- Elimination of all data discrepancies

Operational and financial

- Elimination of £100 million discrepancy

- Material reduction in regulatory, operational and reputational risk

People/Employees

- Enabling employees to perform ongoing high quality regulatory reporting

- Empowering employees with a better understanding of their data

- Resolved a range of legacy issues permanently – delivering ongoing regulatory reporting capability

Small investments **delivering big gains**

Client investment

- 40 consulting days
  - One Data Analyst
  - One Project Manager
- Client engagement
- Time needed 2 months
- Additional: Alteryx licence

Return on investment

- Elimination of **£100 million** of financial breaks
- **Stakeholders benefiting** from the project:
  - Finance Office
  - Compliance Department
  - MI & Data Team
  - BAU output form all employees due to confidence in data being used
  - Shareholder and ExCo leadership team due to reduction of regulatory exposure

Are there benefits for me and my business
by partnering with MasonBreese?

Absolutely

We will get the job done, tailored to your specifications.

From small to large scale projects, our MB Digital team will work with you to shape a digital solution that works for you in your organisation.

Innovation is evolving rapidly so we ensure all our digital consultants and project managers are fully accredited to use a number of processes and data automation tools, such as Alteryx and UiPath, whilst embracing all new digital technology.

Additionally

It is about the work that needs to be done in a cost-efficient and professional manner, and our approach is about working with you and your people.

We love to inspire, innovate and develop, whilst sharing our expertise and the innovative ideas that our team produce throughout our projects.

We put a strong focus on collaboration with both you and your people, allowing us to bring your goals into reality in a way that is sensitive to your culture and situation.

MasonBreese Data Analytics can deliver you to a new horizon

Get in touch to learn more

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