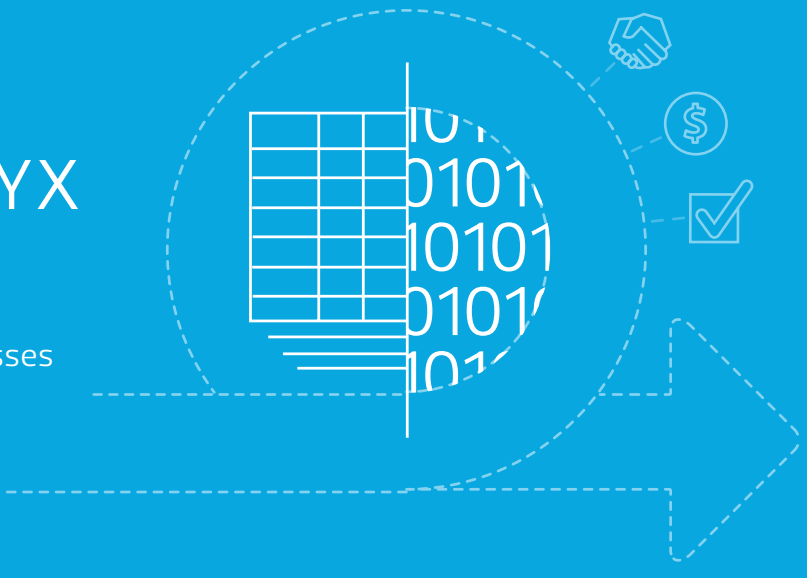
RSM'S ALTERYX SERVICES

Automating your key data processes to increase efficiency and insight



The pace of business change is accelerating, and companies not willing to keep up will quickly lose market position and competitive advantage. To remain relevant and profitable, companies need to make smarter business decisions, based on accurate data analysis.

Companies know what data they need—but they often lack a scalable and sustainable method for integrating data from internal and third-party systems. Not only is the data in different formats, but there is little confidence that the data is clean and accurate.

They are often forced to manually input data into Excel spreadsheets for analysis, a time-consuming process prone to error. RSM and Alteryx can help.

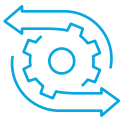
ALTERYX AND RSM

Alteryx, a leader in analytic process automation (APA), eliminates this manual effort. By merging analytics, data science and business process automation into a unified platform, Alteryx enables your company to build out automated processes that take data from multiple systems and sources, cleanse it and create repeatable analytical processes that you can rely on for business insights.

Alteryx's self-service analytics democratizes data analytics throughout your company. Anyone on your team—technical or not—can understand data and use those insights to support your business goals.

As Alteryx's largest middle market partner, RSM technical and consulting advisors work with your company to deploy enterprise analytics by streamlining data analytics and process automation. RSM reengineers processes to be scalable and repeatable. Processes that took days or weeks now take seconds. In addition, RSM offers product guidance, support and end-user training, so your employees learn the skills they need to get the most out of data analytics without involving your technology department.

The following are some of the biggest challenges companies face in using data to drive strategic business decisions and how RSM, using the Alteryx platform, can solve those challenges:

	CHALLENGE	ALTERYX/RSM SOLUTION
	Data from disparate sources involves incompatible file types and structures.	Drag and drop data sources from any application and Alteryx performs the data transformation needed in the background. RSM has developed custom macros and apps for processing inconsistent file formats.
	It can be difficult and cumbersome to profile data—companies tend to test only a subset of the data, which can lead to inaccuracies and false understandings of the overall dataset. Bottom line: data cannot be trusted.	Alteryx analyzes and provides metadata for each data field for automated structural, content and relationship profiling. RSM can assist with exploratory analysis by developing and implementing a data quality program that aligns with industry frameworks and standards.
	Cleansing data, including removing duplicates, outliers and non-relevant fields and records, is done manually, leading to errors further reducing trust in data used for analysis and decision-making.	Alteryx automatically interprets data, so you can be confident that data integrity is intact throughout. RSM can further enable transparency through automation and audit-ready documentation.
	Bringing datasets together can provide new insights into relationships between data and cross-functional teams, but it can be time-consuming and lacking scalability.	Alteryx can join datasets at the row-level or based on multiple fields. Fuzzy matching can handle non-exact matching of fields. RSM can assist with automating and consolidating multiple data sources, while also reducing duplicated datasets through IDM (Identity Management).
	The volume of data is too large to use in Excel, which leads to multiple team members working in multiple files to prevent program crashes and deliverable delays.	Alteryx processes millions of records, calculations and transformations seamlessly. RSM has defined standards for optimizing data types, compressing data fields and strategically caching workflow steps to process millions of records in seconds.
	Financial aggregation and reconciliation are manually performed across various platforms, leading to inaccuracies.	RSM can assist with defining and automating data aggregations, reconciliations and exception reports across all platforms. RSM has vast experience collaborating within the Financial and Audit space.
	High-volume requests for low-complexity tasks to be completed.	RSM can assist with establishing a ETL CoE that would reduce enable self-service analytics and data wrangling and transformation resulting in a reduction of requests from the LoB and overwhelming analysts or IT.
	Time to production is significantly too high; unable to perform ad-hoc analysis as needed. Current processes take longer than necessary.	RSM can assist with identifying use cases and enablement through self-service analytics, ETL and data quality through the use of Alteryx, further enhancing capabilities around data quality and repeatable and automated analytics cutting down Time to Analysis (TTA).

No matter where your data lives—or however many data sources you rely on—RSM empowers your company to leverage data for driving business insights. Leveraging Alteryx's technology, RSM can help your company:

- Improve data literacy
- Enrich data quality and governance
- Ensure data accuracy
- Increase operational efficiency
- Up-skill your workforce
- Make strategic decisions that increase sales, net profitability and operational capabilities
- Dynamically scale and process millions of data records

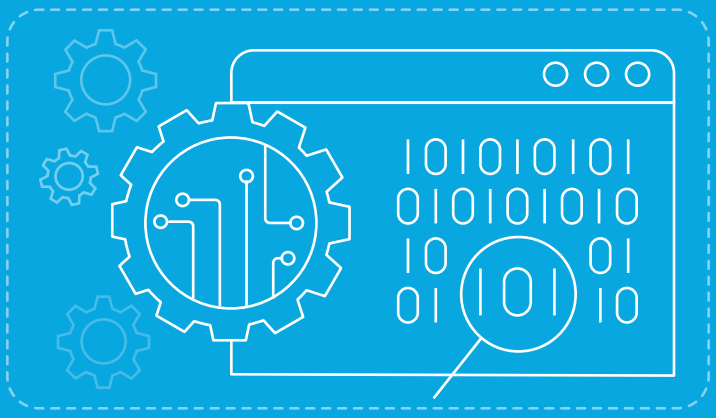
With RSM and Alteryx, analyzing data no longer must be painful, frustrating and labor-intensive.

As Alteryx customer Pierre-Louis Bescond, Head of Data Science, Roquette, explains,

> "Being able to control your data and quickly uncover areas where you can add unique value, outside of repetitive manual tasks, is empowering."

For more information

about RSM or questions related to analytics or digital transformation, call us at 800.274.3978 or visit rsmus.com/contact to send us a message.



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