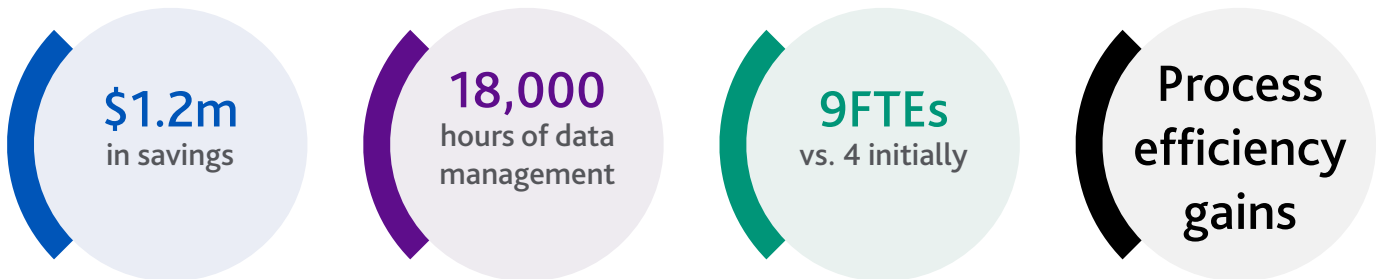


Data Analytics

GLOBAL TOP 5 HEDGE FUND



Client requirement

- » In 2012, the research data group of the client required an integrated data management process to source raw data, validate them and compile them for the research team
- » Raw data included macroeconomic data, security data, company, M&A, trade data, ownership/holdings, commodities, bond reference data, and derivatives, among others
- » The client's existing processes created databases in siloes with redundancies and without mapping
- » As a result, compiling data for research and production was both time-consuming and expensive
- » Therefore, the client started to evaluate external options to resolve the issue

How we solved the problem?

- » Assembled a team of domain experts, database architects, application programmers, process managers, and data analysts
- » Used common data model and data adapters to integrate data from different sources, and created customized master data mapping
- » Conducted extensive data validation and put together an error-checking library
- » Captured bi-temporal data and meta data
- » Worked on a workflow management system that segregated automated and manual components of the data management process

How we benefited the client?

- » Handled more than 18,000 hours of data management time
- » Released bandwidth for the client team to focus on investment decisions by using complex quantitative methods
- » Helped the client standardize the raw data management process
- » Helped save ~1.2m in costs
- » Improved process efficiency

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