

# Power BI Success Story

A Covenant  
Technology Partners  
Case Study

## ***What was their business problem?***

Our client had an interesting dilemma: They had split up from another entity and were strategically revamping various areas of their organization. One of those areas was their organization-wide Business Intelligence capabilities.

Given the split up, they were given the choice of remaining on their current platform or terminating that contract and migrating to a new tool. Their previous tool enabled Self-Service BI and our client, being a retail organization, housed a tremendous amount of transactional data in their Enterprise Data Warehouse.

The ability to enable Self-Service BI over big data was a key business problem to solve.

## ***What was our solution to solve the problem?***

We successfully matured & transformed the organization's reporting solution. We migrated them from MicroStrategy to Power BI which, in turn, provided them much more robust reporting capabilities while increasing their return on investment.

We worked with internal stakeholders and subject matter experts to create a handful of central, certified datasets to be distributed amongst the various departments. Communication was key here as we wanted to make sure all necessary data was available to end-users.

After creating the certified datasets, we held training and Q&A sessions to make sure our end-users were able to confidently build reports in Power BI Service. We also worked with and created a handful of reports for executives to view organizational trends on-the-fly.

The result was truly enabled Self-Service BI for hundreds of users in the organization at a fraction of the cost of their previous tool.

## ***What are the results/outcomes?***

Given the immense amount of data our client had as well as the end goal of enabling true Self-Service BI, we were faced with a unique challenge. We had to increase performance of reporting over big data for many concurrent users.

The solution was to implement Aggregations in Power BI which enables analysis over big data in ways that would otherwise not be possible. We worked with stakeholders on benchmarking performance times and ensuring we had our data aggregated at an appropriate level to meet end-user's needs.

By using Aggregations, we were able to enhance performance and allow our end-users to report on data on a weekly/store grain almost instantaneously. Power BI could then drill into that pre-aggregated grain to retrieve daily level data on an as needed basis.