Federal Grants Management Abbreviated Case Study

Overview

A **Non-Government Organization (NGO*)** found that in order to perform granular analytics on the use of federal grant dollars, they had to harmonize data sets having different primary keys. While the content dealt with how the money was to be spent, the data sets representing federal grants was keyed on PSC (Product Service Codes), the data sets representing state and local spend was keyed on NAICS (North American Industry Classification System) and ARRA (Recovery Act Data) was keyed on descriptions and D&B (Dun & Bradstreet) Codes. Further, there were data quality issues in each individual source due to varied factors such as differing data collection practices.

The traditional approach to building a common mapping system has so many rules and exceptions that it was an extremely costly, if not impossible, effort.

Business Challenge

Disparate information technology (IT) systems have created obstacles for sharing and tracking data as the Grants management process has evolved. Specifically:

- Disparate and proprietary systems cannot be formed into an enterprise architecture to support a global, holistic regulatory framework
- Lack of standards for information management prevent agencies from effectively exchanging and utilizing other agencies' regulatory information
- Common tools and applications for processing and managing information across agencies are not available or effectively utilized
- Available systems do not use Natural Language Processing for queries, requiring expensive Data Scientists to be engaged- adding time and cost to the effort.

Until these issues are addressed, information technology will inhibit rather than support a modern, unified and collaborative grants management process.

Solution

The NGO sought a simplified approach to analyzing disparate data sources and selected the CONQ product to rapidly deliver actionable results, while reducing costs.

Results

Within two days of deployment, the NGO was able to harmonize disparate data sets on common keys and the end-users were performing accurate and granular analytics on both structured and unstructured data. Providing a new capability- harmonizing disparate data sets- and saving delivering actionable results 5 times faster!

Click here for more information on this and other Case Studies

* The actual name of the **Non-Government Organization (NGO*)** has been withheld because of Mutual Non-Disclosure Agreements (MDNA) between the parties.

March 2021