Florida Blue

CASE STUDY

Automating the ETL Process for Financial Scorecards & Reports

Florida Blue

Business Need

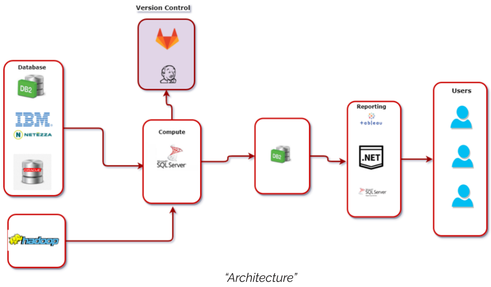
Setting up and automating the Extract, Transform, Load (ETL) process for building financial scorecards & reports to process once a month, with higher performance, and better accuracy.

Customer Challenges

- Building the ETL process with millions of records and performing financial calculations on them
- Setting up an automated process and reducing manual effort
- Building high-quality reports
- Identifying the right analytics and business intelligence tools
- Designing databases to accommodate growing data volumes and any future needs

Solution Provided

- Identified reporting tools which served the customer's immediate need and were easy to integrate with existing tools
- Automated the process using the Microsoft's Business Intelligence Tools
- Upgraded the reports to their latest versions
- Identified and implemented the best solutions to serve current and increased future needs
- Created stored procedures for each functionality were called by the SSIS package
- Set up automatic execution of the SSIS package monthly using control-M scheduling tool without any manual intervention
- Identified proper indexing and partitions to improve the performance
- Set up a data quality management system and error handling of data



"Architecture"

GROUP: ABCDEF

County Served: A,B,C

Total quality status: Medium gaps

Measure	Num of opportunities	Quality Status
Hydroxy	302	More quality gaps
Paracetomol	20	Less gaps
Advil	190	Medium gaps
Telenol	148	Medium gaps

"A Sample Quality Report"

Impact of Solution

- Enabled users to view their quality opportunities, shared savings per member per month, product wise membership, etc.
- Helped IT convert technical language to business processes
- Increased performance by reducing the time of ETL processes
- Setup best practices in IT across different departments and documented the process

Technology Used

- T-SQL
- SSRS
- SSIS
- Data Studio
- Sqoop
- Linux
- SQL
- Aginity
- Hive
- SSMS
- SSDT
- Toad data point
- Git
- Jenkins
- Redgate
- Abinitio
- SSAS