

SQL Server 2016

CASE STUDY



SQL SERVER 2016 ISV:
Dimodelo Solutions

WEB SITE: www.dimodelo.com

LOCATION: Toronto Canada

ORG SIZE: 9

SQL SERVER 2016 PARTNER PROFILE:

Dimodelo Solutions are the creators of Dimodelo Architect, a data warehouse automation tool targeting SQL Server 2016. Dimodelo Architect is used by enterprises, large and small, to dramatically reduce the effort required to design, build and deploy a Data Warehouse. Dimodelo Architect is plug-in for Visual Studio 2015 focused on the Microsoft data platform.

SQL Server 2016 deliver a high performance Data Warehouse for a Lending Institution

“Dimodelo Architect uses the Columnstore features of SQL Server 2016 to deliver high performance data warehouse solutions for our clients. Upwards of 10x the query performance over normal tables.” – Adam Gilmore, Chief Product Officer, Dimodelo Solutions

- SITUATION**

A financial services client had a complex source system, with a high volume of transactions. Building a data warehouse for this client required a data base management system that could quickly respond to complex queries over large volumes of data. SQL Server 2016 Columstore technology, coupled with integration services and Analysis services tabular models were the perfect solution.

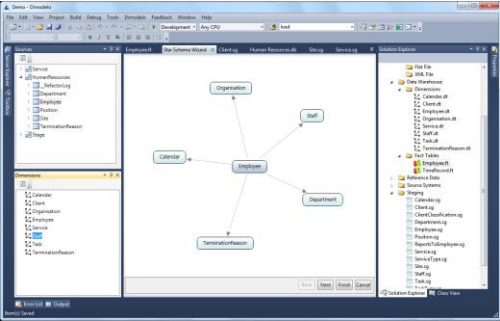
- SOLUTION**

Dimodelo Architect generates SQL code to create/sync Data Warehouse databases and SSIS packages to implement high performance ETL. SQL Server 2016 was chosen as the target platform so key transaction tables could be defined as Columnstore tables. This improved query performance for daily loan book balance calculations for millions of loans. A tabular model was created to support centralized definition of metrics and KPIs, and provide high performance end user analytics through a live connection to Power BI.

- BENEFITS**

SQL Server 2016 Integration Services provided high performance data integration.

SQL Server 2016 Columnstore provided at least 10x query performance for aggregated queries over large data sets.



Column	File Type	Description
Classification	varchar(20)	
ClearClassificationCode	int	
Subvalue	varchar(20)	
ClassificationCode	varchar(20)	
Subvalue	varchar(20)	
ClassificationCode	varchar(20)	
Subvalue	int	
ClassificationCode	int	