

Microsoft BI Solution for Leading Design Company

About Customer

Industry: Design Company

Client is a leading design company, based in USA.

Key Challenge

The client were in need for a systematic data based solution for their high volume of data through a data warehouse map and a data system which displayed integrated information for all users, at the right time, in the right format, so as to enable them to make more informed decisions. They were in need of a comprehensive solution, which could make different tools work together for easy access to information.

BIZDataPro Solution

BIZDataPro implemented a Microsoft BI based data warehouse map, a data system with below features:

- Developed a data warehouse including fact tables and dimensions.
- Populated data warehouse using Integration Services (SSIS), SQL Jobs, as well as replicating data from other sources (e.g. Google Drives, SQL Transactional databases, Excel / CSV Files, and Oracle Database).
- Development of Business Intelligence using Cubes in SSAS.
- Presented graphical / tabular reports using tools like PowerPivot, Dundas Dashboard, Tableau, and SSRS.
- Data Warehouse Development and MDX Programming, as well as SQL Server Reporting, Integration and Analysis.
- MDX query to calculate the 12 month average head count for our client's company.
- Integration of our client's legacy data into MS Dynamics – GP.

Tools and Technologies

- Microsoft Power BI, SSIS, PowerPivot, Dundas Dashboard, Tableau, SSRS, MS Dynamics - GP

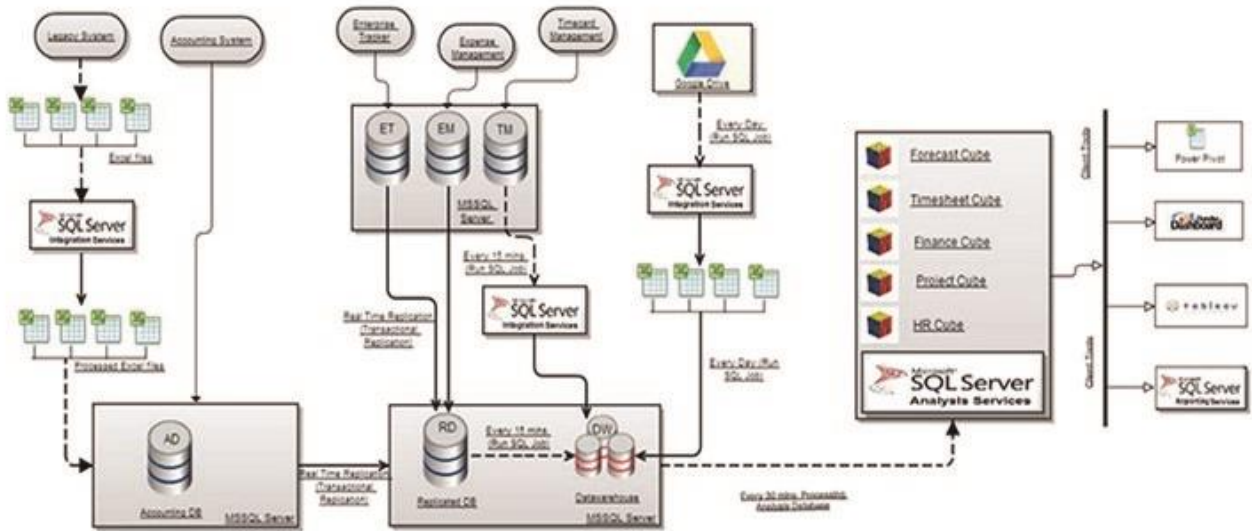
Business Benefits

BIZDataPro's booming implementation of Microsoft BI based solution helped the design company in meeting its objectives, with following advantages.

- Optimal data access and excellent predictive capabilities.
- Access to the right data, at the right time, to make more informed decisions.
- Enable IT staff with necessary tools to manage data access, quality and compliance.
- Ability to generate, use and share rich content – when, where and however they wish to.

System GUI Screens

Data Warehouse Design

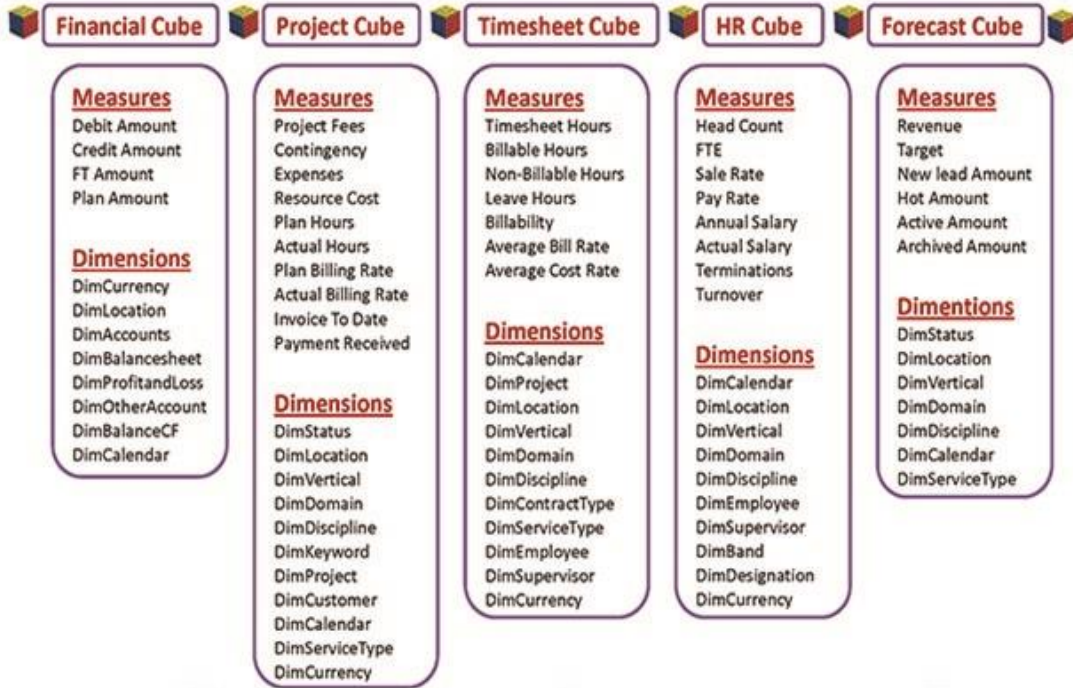


MDX Queries

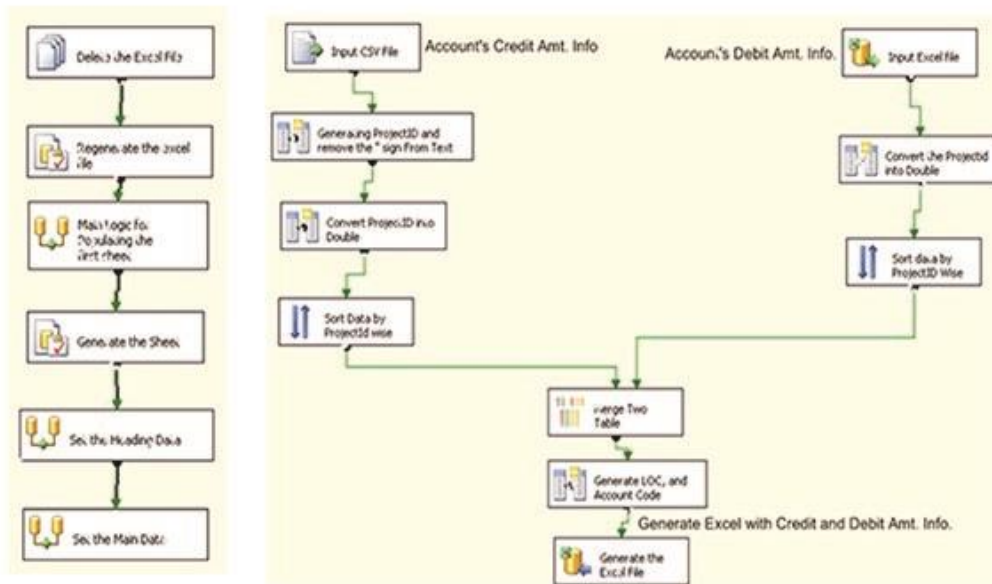
Calculation of 12 Month Average for Head count of company.

Row Labels	.T Head Count	12 Months Avg Headcount
2012		
January 2012	588.73	589.14
February 2012	584.29	590.47
March 2012	595.99	592.40
April 2012	594.08	593.74
May 2012	605.11	595.97
June 2012	632.53	598.28
July 2012	632.13	599.69
August 2012	617.14	600.71
September 2012	626.55	604.31
October 2012	640.13	608.58
November 2012	642.67	613.05
December 2012	636.7	617.34

SQL Server Analysis



SQL Server Integration



SQL Server Reporting

