

Case Study : Analytics for Price Forecasting & Cash Flow Planning

Project Overview

- ❖ The need was to understand how oil price has varied in the past with respect to Production
- ❖ Use that data to build a price forecasting solution based on forecasted production.
- ❖ The forecast production comes from a different function and was an input to the scope of this work.

About The Client:

A global Fortune 500 Oil & Energy giant.

Case Survey

An analysis was required on the basis of some historic data where price has varied with respect to production.

Technology



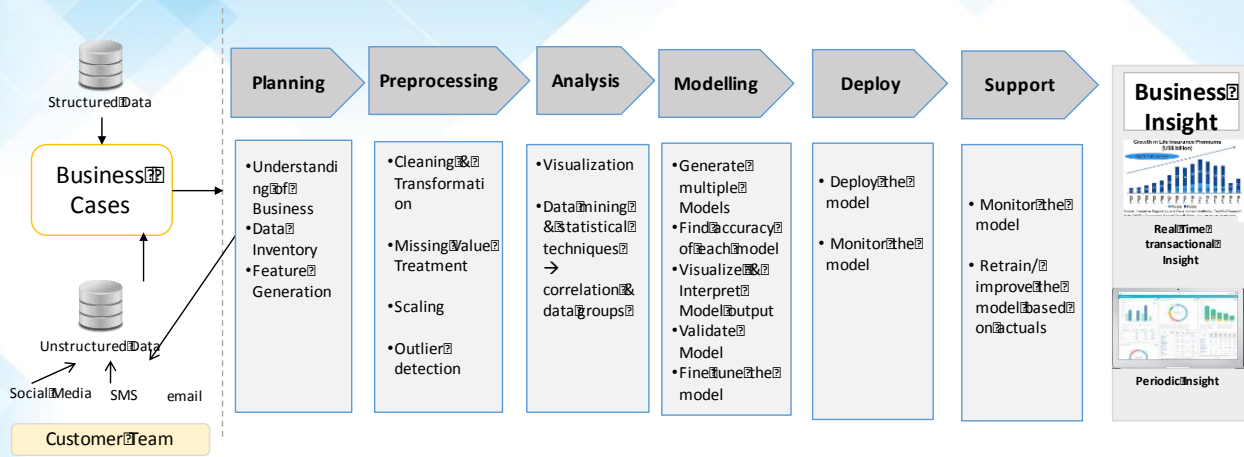
R – Analytics

R – Visualization



SQL Server

Detailed Flow



Our Solution

- ❖ A statistical analysis and modeling project was taken up for the client to identify the critical factors influencing prices
- ❖ Based on that knowledge, build a forecasting solution
- ❖ Test, implement and monitor the performance of the forecasts

Business Benefits Delivered

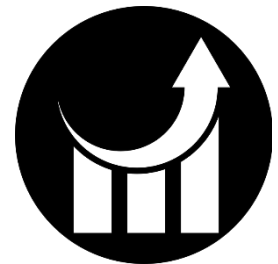
Legacy 'Hit or Miss' model to:



better cash flow



Better business planning



Better competitive pricing

About InterraIT

InterraIT is global IT consulting & services company providing business software solutions that improve operational efficiencies, address organization's unique business needs, and allow better ways to access and manage information at lower TCO & faster ROI. Established in 1996 & headquartered in San Jose, InterraIT is a ISO 9001-2015 SEI-CMM level 5 assessed and certified organization with world-class delivery.

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