

Analytics Solution for O&G Industry

The Client

The client is a leading oil field services & equipment provider.

Business Challenges

The client had a data size of over 100 Million data records, with data getting consolidated on a regular, scheduled basis from over 450 Excel files. For management reporting, the client was having challenges in consolidating financial and regional supply chain data. There was also a need for in-depth analytics based on region wise.

Experion Solution

Experion deployed a BI & Analytics solution targeted at Supply Chain & Financial Systems of the client. The solution analyzed over 100 Million Data Records, accessed across multiple countries.

Key Results

- Single View of KPI Data across Multiple Countries / Area / Region / Cost Centers
- End to End delivery for Phase-1 – within 75 Days



BI Solution for Manufacturing Industry

The Client

The client is a manufacturer and supplier of Engineering Goods.

Business Challenges

The client wanted to implement a simple, but powerful analytics platform for analyzing financial, production planning and HR related data. The solution was required to be integrated with SAP and accessible from desktop and mobile devices.

Experion Solution

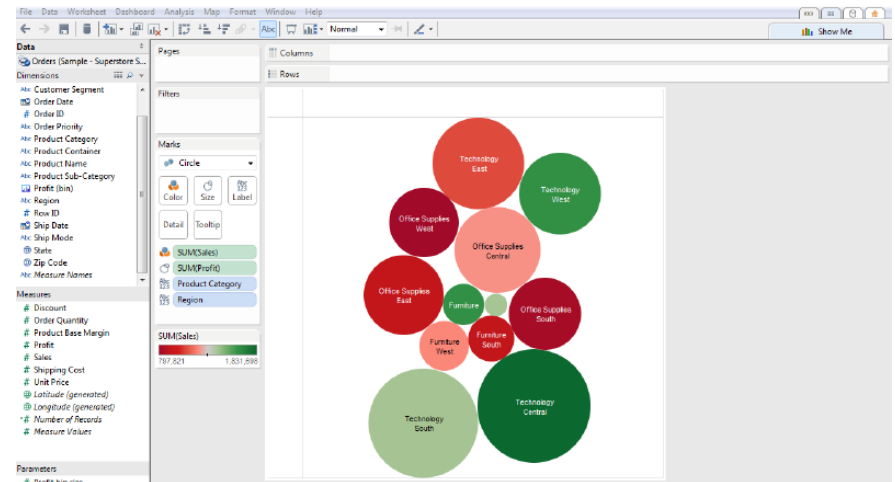
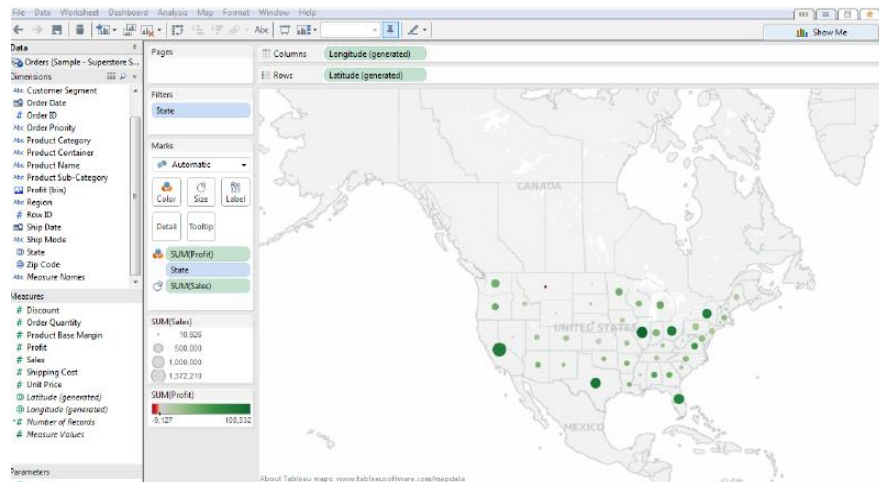
Experion implemented a BI solution for the client using QlikView Business Discovery Platform. The solution was used for analyzing a variety of business parameters such as stage wise material wastage, vendor performance, requirements planning and sales performance.

Key Results

- 50 percent improvement in our employee utilization
- 30 percent improvement in sales forecasting accuracy and 40 percent improvement in inventory forecasting



Experience in other Data Visualization Tools - Tableau

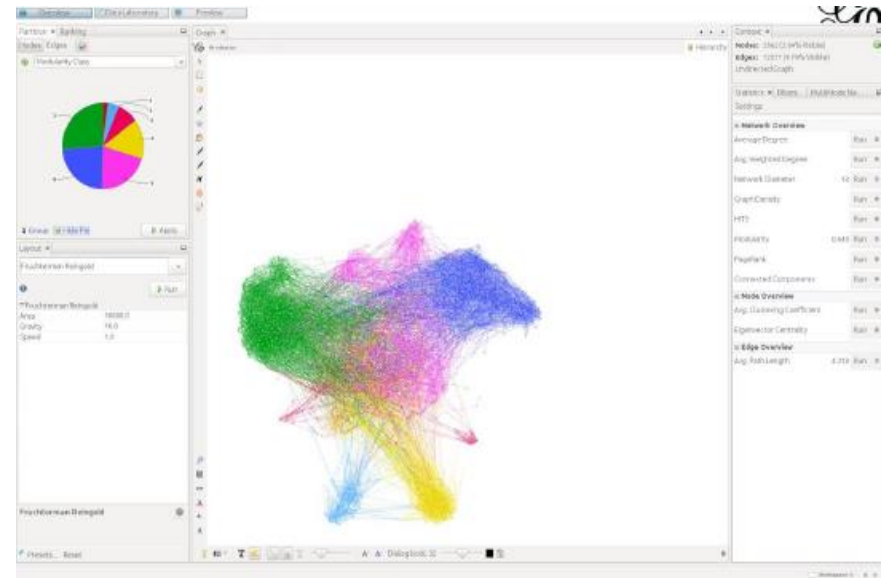
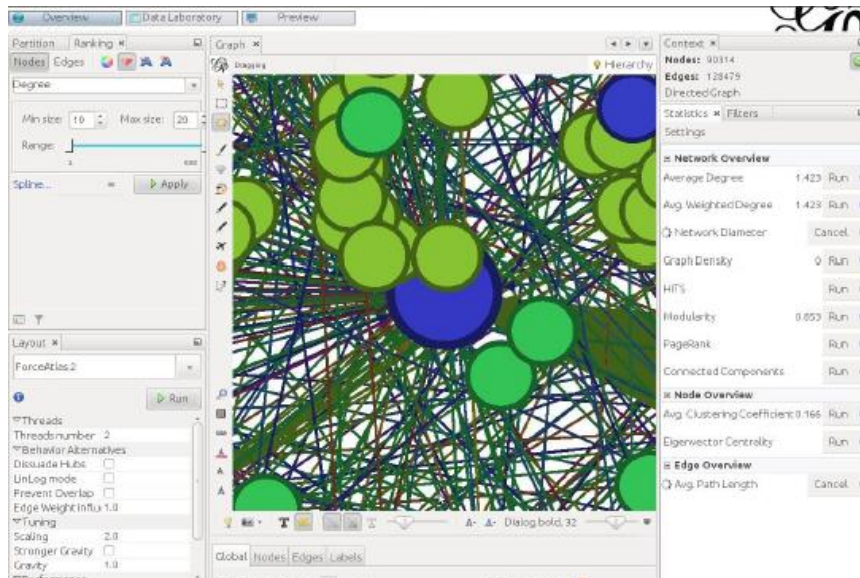


Experion Technologies

Email: info@experionglobal.com Website: www.experionglobal.com

Australia | Germany | India | Netherlands | Switzerland | United States

Experience in other Data Visualization Tools - Gephi



Predictive Analysis for Movie Recommendation (MapReduce, Hadoop and R Studio)

About the Project

The project was aimed at creating a prediction model for moviegoers. Based on past ratings and movie genre, the intelligent system was required to recommend movies to end users.

Solution

Experion developed a solution using Big Data and Machine Learning technologies to create a prediction model.

The data for analysis was based on movie ratings provided by users. The data was processed using Apache Pig and MapReduce on a Hadoop environment. A total of 2 million rows of data were processed and consolidated.

Statistical models were then created to derive user similarities and relationships for predictive analysis. R Studio was used for data visualization and the completed model can recommend movie based on user's past ratings/ genre.

Key Results

- Huge volume of data processed (2 million rows) with users, movies and ratings info
- A comprehensive model was created for effective movie recommendations

