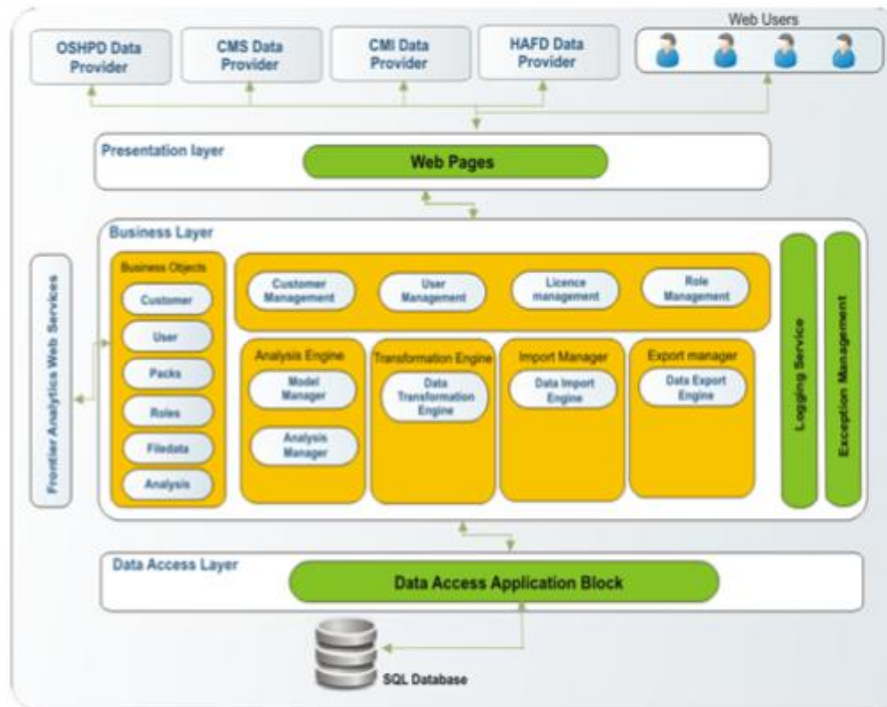


Web-based 'Analytics Engine' to Analyze the Efficiency of Healthcare Delivery



Client offers a web-based efficiency measurement and analysis system for use by all sectors of the healthcare industry



- Prototyping to validate technical assumptions and reduce risk
- Data Envelopment Analysis (DEA) statistical technique used for analyzing relative efficiency of medical facilities
- Support for user-defined custom analysis models and storing of historical models for comparison analysis
- Tool designed to import data from multiple sources and formats
- Batch processing framework implemented to reduce response time for analytic runs
- SQL Server-based versioning mechanism to support storage of historical analyses
- Prototyping helped to reduce risks and complete delivery of the application within 16 weeks and has allowed the client to pursue second round of VC funding
- Iterative release of the application has resulted in the company securing multiple beta customers
- Regression cycle was reduced from one month to one week through the use of automated testing framework