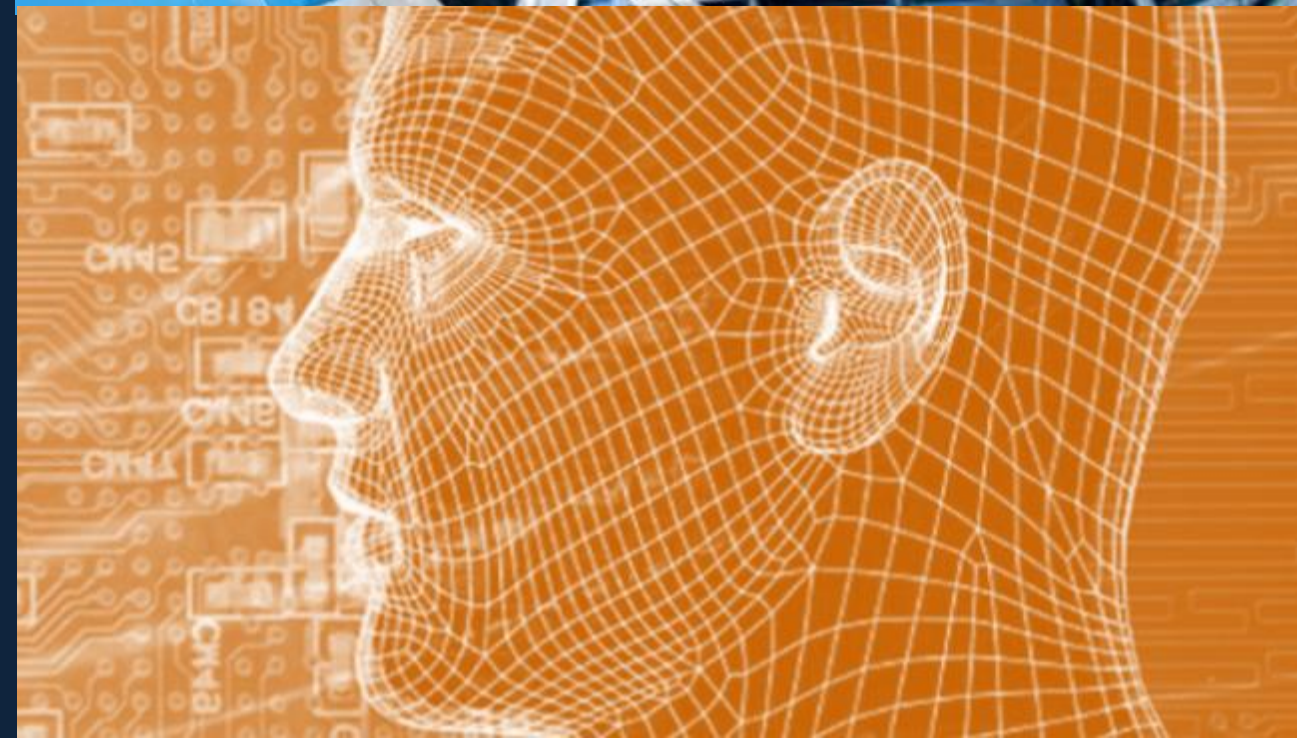


Data Warehouse for Mortgage Portfolio Analysis

Leading European Investment Firm

THE CLIENT PROBLEM STATEMENT

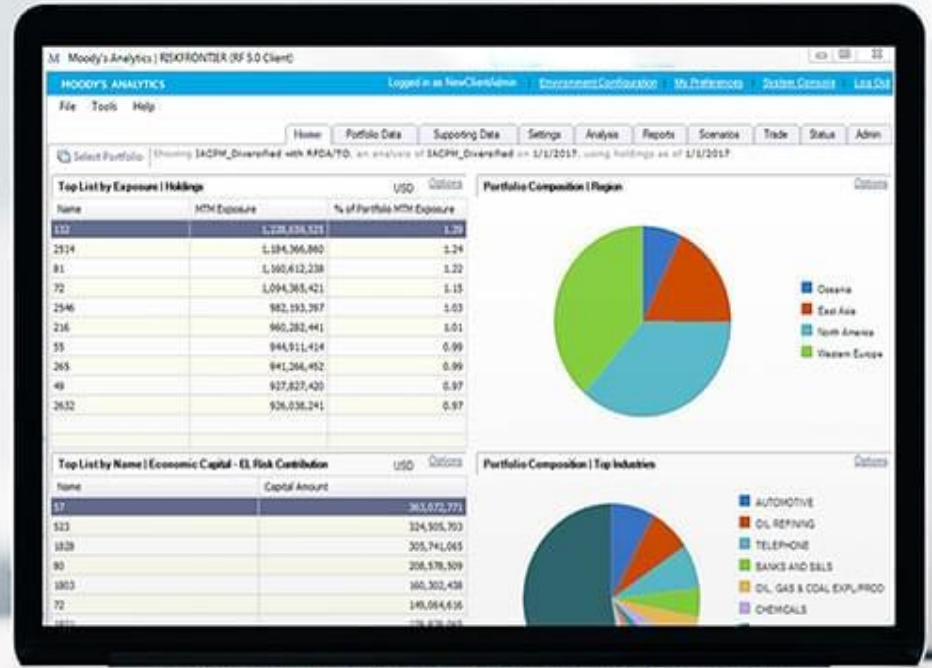
- Managing and analyzing the credit risks, project defaults, prepayments, and severity dynamics of mortgage portfolios
- Creating a robust and flexible platform to facilitate future onboarding of mortgage portfolios from external parties
- Enabling simplified processing with complete process audit and orchestration
- Processing of large data volume XML files with sizes over 2 GB



SOLUTION



- Daily and monthly delivery of XML files containing data for a portfolio of mortgage loans and supporting data—borrower’s mortgaged property, life insurance, savings and investment accounts—used as repayment vehicles for the mortgages.
- Implementation of a Mortgage Portfolio Analyzer database using Microsoft data technologies
- Import/export of data from/to Moody’s Mortgage Portfolio Analyzer (MPA) application
- Utilizing Moody’s MPA for risk and capital management, stress testing (probability of default, prepayment, severity, and losses), loan level analysis (modeling of loan characteristics and behaviors), and providing flexibility to adjust model parameters at loan level
- Implementation of dashboards in Qlikview



BUSINESS OUTCOME



- More Transparency: Clearer, more transparent view of risk concerning their mortgage portfolios.
- More Control: The tools afforded greater control over the portfolio with full visibility of data for every investment
- More Insights: Using the new portfolio management tools the client could get forward-looking insights into portfolios being used for hedge accounting process.
- More Returns on Investment (ROI)

