Risk Analysis of Closed Mortgage Loans using DTI% and Other Loan factors

1 Customer

1. Independent Mortgage Lender

2 Business Situation

1. Looking to create analytical models to:
2. **Check integrity** and accuracy of income calculations
3. **Provide insights** on the borrowers capacity to repay/ chances of defaulting
4. Identifying borrowers to contact for loan modification, revised payment plan etc.
5. **Forensic examination** of portfolio for sale of loans in the secondary market

3 Solutioning

1. SLK supported the analytics by **re-computing DTI for the full portfolio of loans**
2. Analysis of DTI by:
   1. Credit Score
   2. LTV
   3. Gift Amount
   4. Loan Product
   5. Property Type

4 Execution

1. Other analysis by:
   1. Number of borrowers
   2. Additional income and health benefits
   3. Area of the property
   4. Number of vehicles owned

5 Value Delivered

Early warning of possible default

1. Potential reduction in repurchase
2. Rebalancing of portfolio to manage risk
3. Reduced foreclosure risks

© 2021 Coforge