# Grow Your Automotive Lending Portfolio with Effective Risk-Based Pricing 

Presented by

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## Portfolio Driven Results

- Over $\$ 5$ Billion in auto loans
- Across 400 credit unions
- Average Credit Score 642
- Average Advance of 119\%
- 13,760 Expected Defaults



## Auto Lending Landscape

－New Competition
－Rising Rates
－Abundance of Data

## How do you determine your current interest rate pricing？

# Common Issues with Today＇s Interest Rate Pricing 

－Lending rates are a function of their competitive environment with rates being set at whatever the market will bear．This can often get Lending Institutions in trouble．
－Loans booked in hindsight at less than profitable spreads
－Institutions can get in trouble
－Drags on net interest margins
－If competition is making loans at irrational levels
－What alternative products can the Institution offer to members and ensure profitability？
－Strongest arguments for a risk－based pricing model
－Facilitate restructuring in ways that are＂win－win＂for both the Institution and its customers

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# What are the Benefits of Risk－Based Pricing？ 

－Accurately pricing risk ensures
－Long－term viability of an Institution＇s ability to withstand the unpredictability of the economy
－Provide an advantage over competition
－Lenders can position themselves as leaders in their markets for their ability to：
－Accurately price loans
－Serve a wider range of members
－Generate higher yields on non－prime auto loans
－If loans are individually priced to include all costs involved in granting，funding，and servicing the loan
－By building an auto portfolio whereby each loan is priced appropriately for risk
－Overall net yields are much higher and loan volume increases without cutting interest rates to the bone

## What is True Risk Based Pricing？

－Allows lenders to price individual loans based on a wide range of characteristics not only including credit criteria but many other risk attributes
－Not only probability of defaults，but severity．
－A common misconception is that risk is measured by the level of losses we endure．It is not．Rather，risk is a measure of the certainty we have about the level of losses．

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## What We Do

We have built a near-prime auto lending program using the concepts shared today.

## Proprietary Underwriting Engine

- Rules developed from over 17 years of underwriting experience and data analysis in near and non-prime lending
- Automated Underwriting decisions in less than 7 seconds


## True Risk-Based Pricing Model

- Lender specific costs and ROA targets by risk tiers
- Decrease subsidies of borrowers across credit risk tiers
- Improve the ability to provide competitive rates to all borrowers
- Achieve ROA targets significantly higher than prime portfolios


## Managed Default Risk

Default protection from two AM Best "A" rated insurers


## What are the Costs Associated with an Auto Loan?

- Cost of Funds
- Deposits or borrowing money
-Average of all CU $=0.53 \%$
- Loan Servicing
- Cost to service and collect on loan
- May vary by tier
-Loss provision
- Marketing Expense
- Dealer flats
-Origination expenses
- Return on Assets
- Net return to CU after all expenses


## Risk Attributes

## Contributors to Risk:

- Credit Score
- Origination Channel
- Loan Term
- Loan to Value
- Credit Depth
- New/Used
- Vehicle Make/Model - Depreciation Speeds
- Geographic Location



## Data Underlies The Process



## Adjust for Different Risk Factors



## Adjust For Different Risk Factors



# Measure For Severity Of Loss 



## Measure For Severity Of Loss


(3) Lenders

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## Ever Expanding Data Vault



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## FIND THE HIGHEST RISK OF DEFAULT


$125 \%$ Loan to Value
72 Month Term
Used Vehicle
Indirect Channel

Default Rate

$115 \%$ Loan to Value
72 Month Term
Used Vehicle
Indirect Channel

Default Rate

$125 \%$ Loan to Value
72 Month Term
Used Vehicle
Direct Channel

Default Rate

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## FIND THE HIGHEST RISK OF DEFAULT



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## FIND THE HIGHEST RISK OF DEFAULT



95\％Loan to Value
72 Month Term
Used Vehicle
Thick File

Default Rate

$110 \%$ Loan to Value
60 Month Term

New Vehicle
Normal File

Default Rate

$115 \%$ Loan to Value
72 Month Term
Used Vehicle
Thin File

Default Rate

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FIND THE HIGHEST RISK OF DEFAULT


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## FIND THE HIGHEST RISK OF DEFAULT


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## FIND THE HIGHEST RISK OF DEFAULT



# Risk Based Pricing Design 



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## Sample Look at Our Rate Outputs



# Market Competition 



## Lending Yield vs. Investments

Credit Union Benefits

- Family Loyalty
- Local, serve communities
- By serving the near and non prime consumer, CU's earn expanded business
- More Applications and Stronger Ties with Dealers
- Sale of More Ancillaries (for direct lending)

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## Over 400+ Institutions In The US



## PORTFOLIO STATS

Over 250,000 loans insured
Over $\$ 5$ billion in insured loans
Auto FICO scores 560 and higher eligible
Loan-to-Value up to $145 \%$
Extended Terms up to 72 months
Consistent customer ROA of over 2.25\%

## Say YES to more automotive loans.

Thank You.
Questions?
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