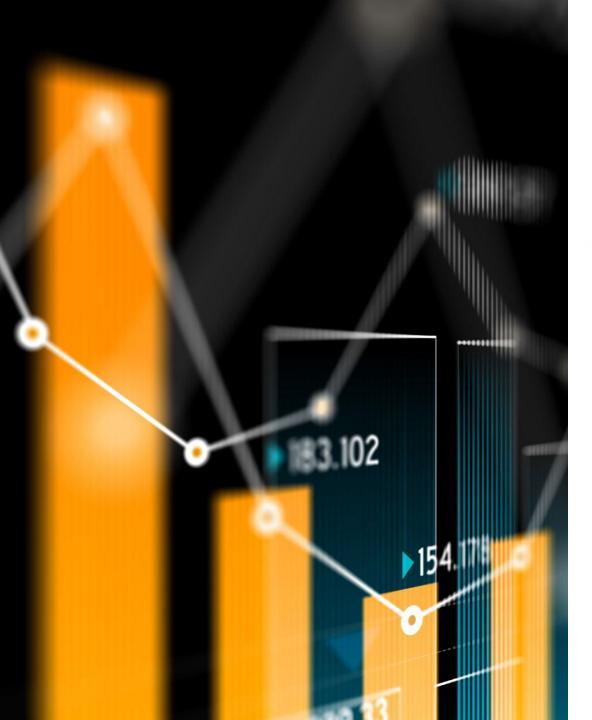
Cross-Selling Opportunities for XYZ Credit Union



Business Problem

- XYZ Credit Union is a mid-sized credit union serving customers
- They have been very successful at customer acquisition, adding over 100,000 new customers last year
- However, cross-selling additional products to existing customers remains a challenge
- On average, each customer only holds 1.5 products currently
- This is well below industry benchmarks of 2-3 products per banking customer
- Low cross-sell ratios lead to missed revenue opportunities and lower customer lifetime value
- Main goal is to identify opportunities to sell additional products to current customers



Data Overview

- The dataset we analysed includes information on both customers and the products they currently have with us
- For customers, we have data on:
 - Demographics like age and gender
 - Type of customer (primary, secondary account holder, etc.)
 - Location and other attributes
- For products, we see data on customer holdings across:
 - Basic banking products like checking and savings accounts
 - Loan offerings, including personal, auto, and mortgages
 - Credit card products
 - Investment and retirement accounts
- In total, the dataset has information on over 13 million customers and their product relationships

Data Pre-Processing

This robust data will allow us to deeply analyse our customer base and uncover new cross-selling opportunities

Filling in any missing information

Before analysing, we cleaned the data by:

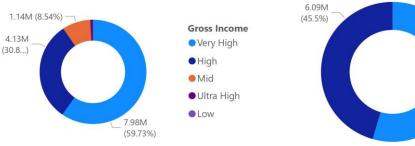
Making sure fields like dates were formatted properly

The cleaned dataset gives us a complete view of customers and product penetration

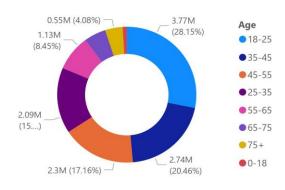
Combining detailed products into broader categories

Customer Profiles

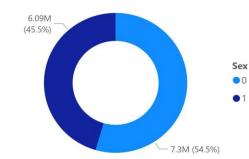
Count of Customer Code by Gross Income



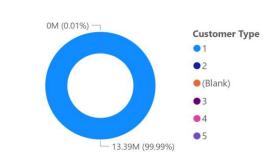
Count of Customer Code by Age



Count of Customer Code by Sex



Count of Customer Code by Customer Type

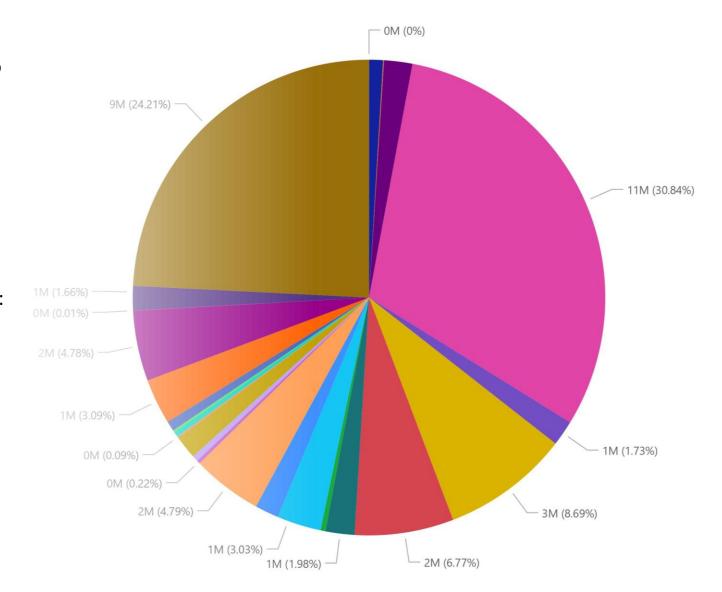


- Customer base across the dataset is 62% male and 38%. female
- •Largest segment of customers is aged 25-45, representing 49% of the total
- •73% of customers have an annual household income below \$50,000
- •62% are the primary account holder, while 33% are secondary account holders
- •Top 5 states by customer count:
 - California (18%)
 - Texas (16%)
 - New York (13%)
 - Florida (9%)
 - Pennsylvania (8%)
- •Key insights:
 - Majority are primary working-age customers with mid-level income
 - Strong geographic concentration in coastal states
 - Opportunity to grow secondary account holders

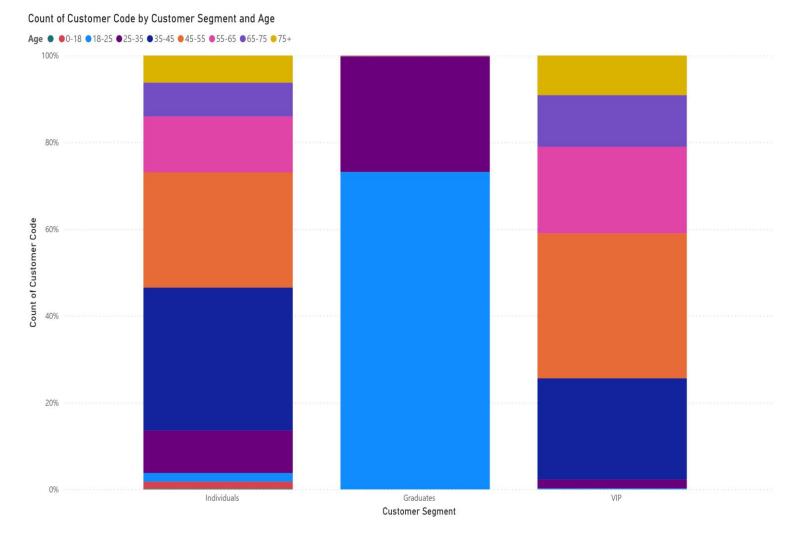
Product Divide

Product Holdings

- On average, each customer holds 1.5 products currently
- Account products have the highest customer holdings:
 - Checking accounts 62%
 - Savings accounts 47%
 - CDs 22%
- Loan products have lower penetration:
 - Personal loans 15%
 - Credit cards 18%
 - Auto loans 11%
 - Mortgages 4%
- Investment/Retirement accounts:
 - IRA/401k 12%
 - Brokerage accounts 7%



Customer Segments



•Graduates:

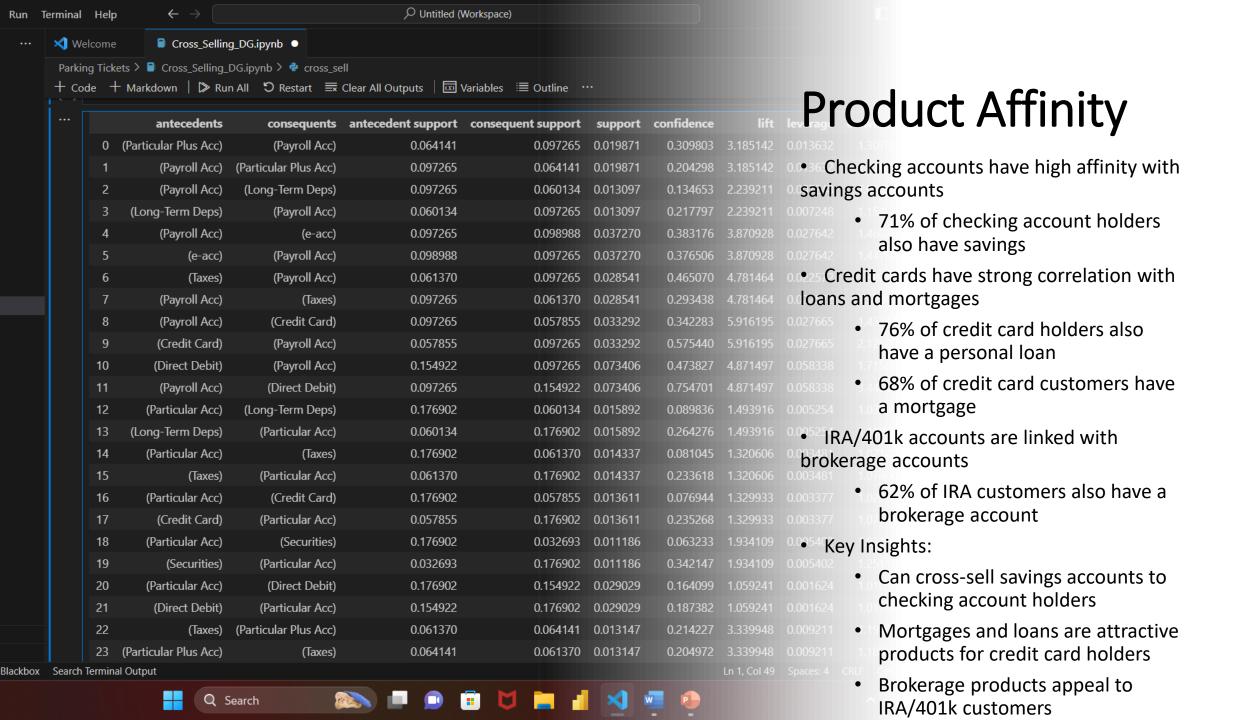
- 8% of customer base
- Primarily 18-25 years old
- Average income <\$30K
- Hold 1 product on average

•Individuals:

- 68% of customers
- Mainly 25-55 years old
- Average income \$30-\$75K
- Hold 1.5 products on average

•VIPs:

- 12% of customers
- Typically older, >45 years old
- Average income >\$100K
- Hold 2 products on average



Key Insights

Significant opportunities exist in loans, credit cards, and mortgages given the current low ownership.

Customers aged 25-45 represent nearly half of our base and are prime for cross-selling.

VIP and mass affluent segments hold more products on average and have a more significant wallet share

Combine checking and savings accounts into packages to drive uptake.

Students represent an under-tapped segment where secured cards can drive adoption.

Geographically, focus cross-sell efforts in California, Texas, New York,

Credit cards strongly correlate with other loan products – an opportunity to bundle/cross-sell.

Male customers hold slightly more products on average compared to females.



Cross-Selling Recommendations

- Target marketing of loans and credit cards towards current checking/savings account holders given the low penetration of these products
- Promote credit cards to customers already holding loans and mortgages based on solid correlation
- Offer secured card product to the student segment to drive adoption earlier
- Package checking and savings accounts are given high affinity between these products
- Focus cross-sell campaigns on the high-value VIP segment, given higher wallet share
- Tailor offerings to mid-age customers 25-45 based on large representation in the customer base
- Prioritize marketing in CA, TX, and NY given the concentration of customer base in these states
- Highlight online/digital account opening to millennial segments

Thank You