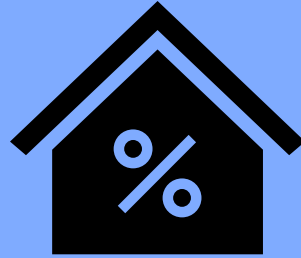


Opening a Mortgage Business

James Scott

The Problem

Create
interest
rate
model



Where to
setup
shop?

Problem

Solution

Outcome

Recommendation

Why It Matters

1. Risk management
2. Competitive pricing
3. Optimal resource allocation



Problem

Solution

Outcome

Recommendation

The Dataset



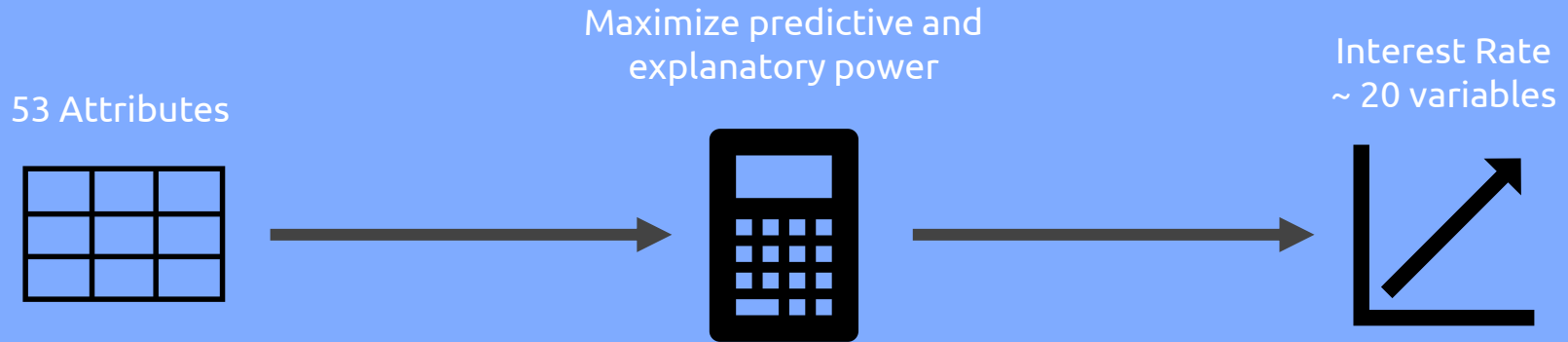
Problem

Solution

Outcome

Recommendation

The Interest Rate Model



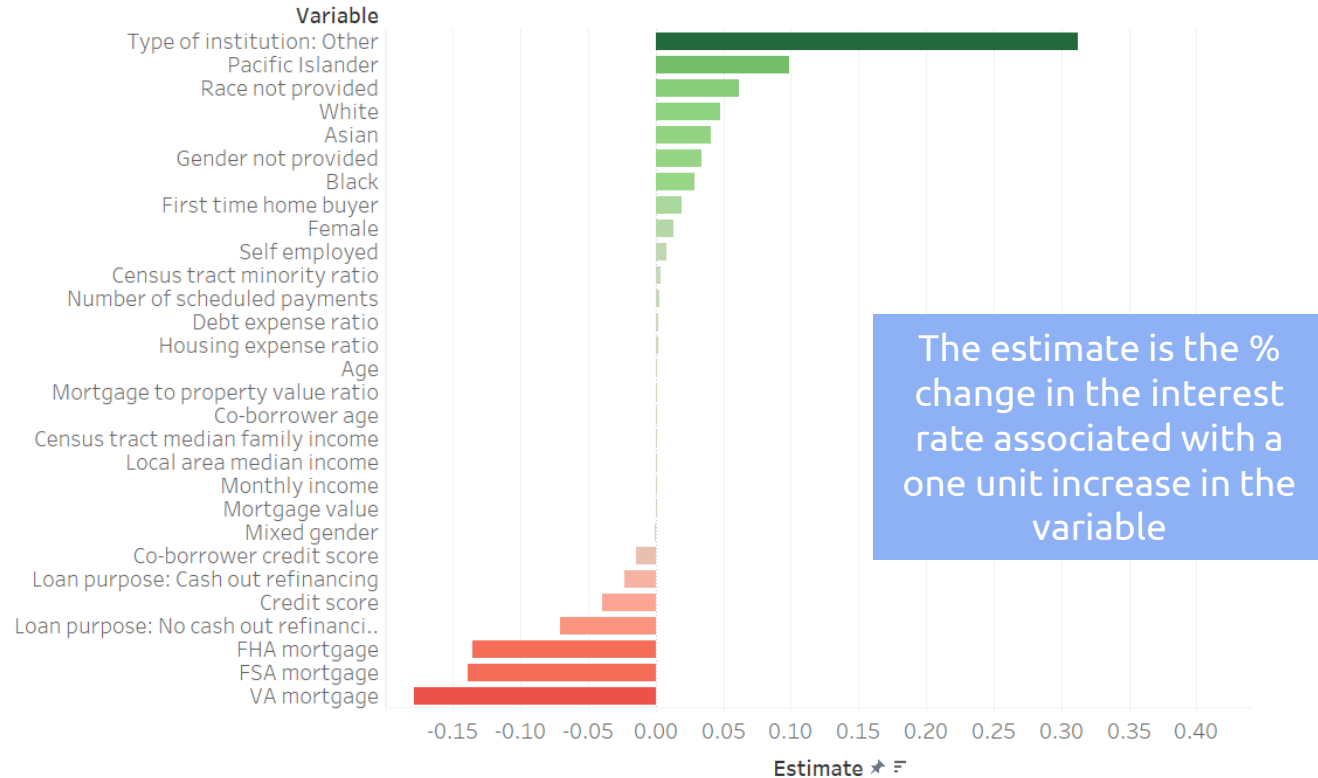
Problem

Solution

Outcome

Recommendation

Coefficient Estimates



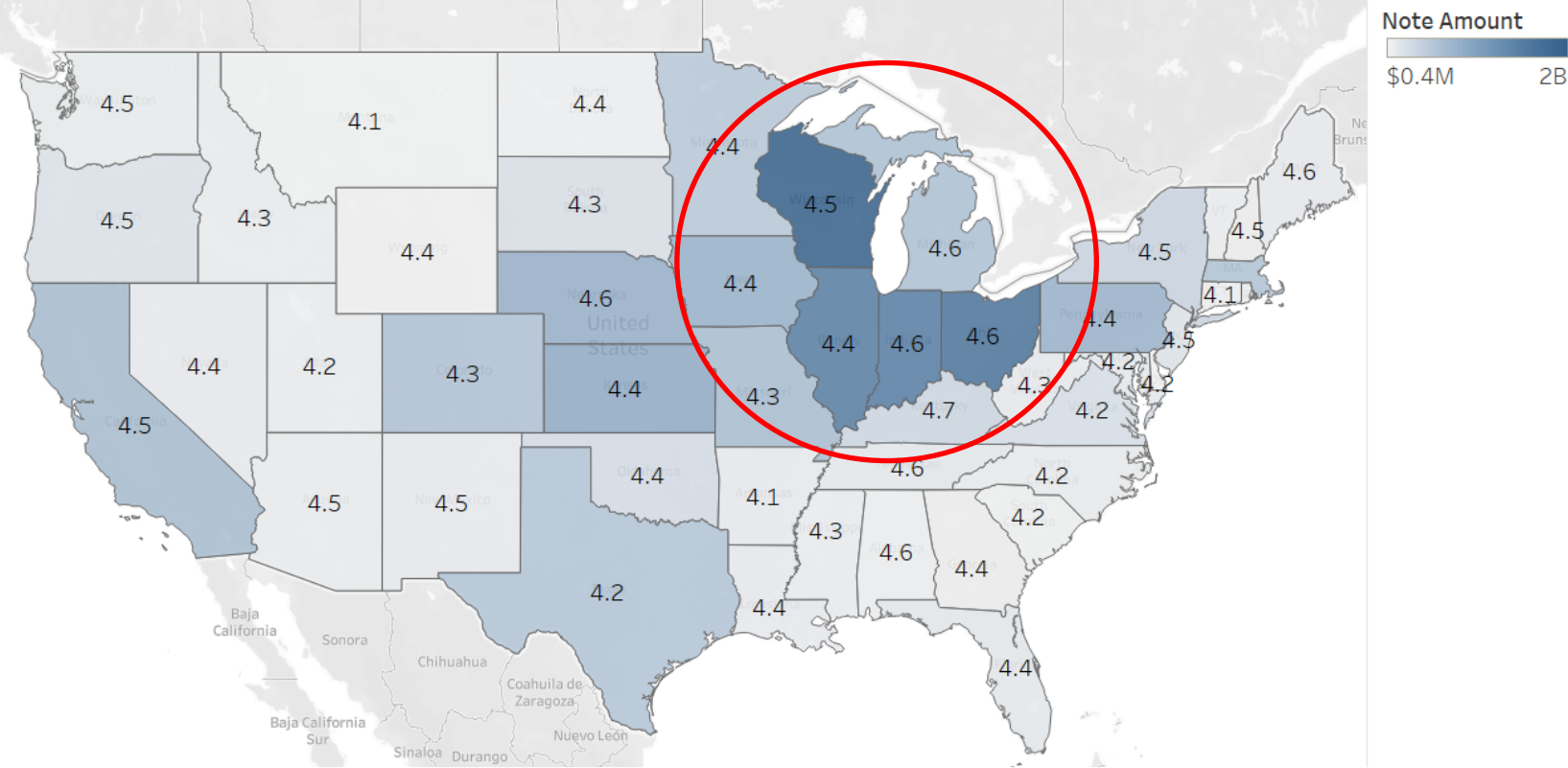
Problem

Solution

Outcome

Recommendation

Average Credit Score and Total Mortgage Value



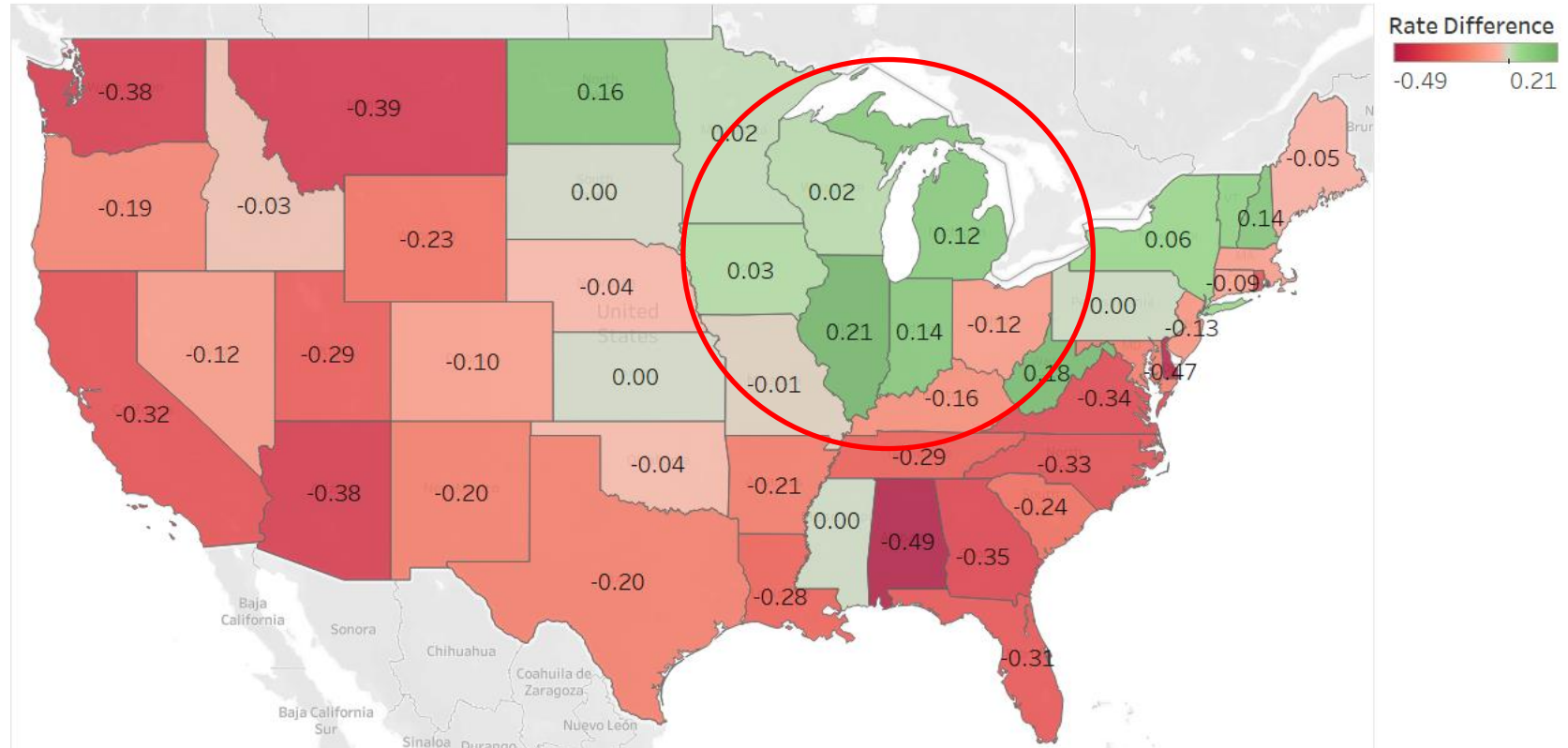
Problem

Solution

Outcome

Recommendation

Difference Between Predicted and Actual IR Given Credit Score



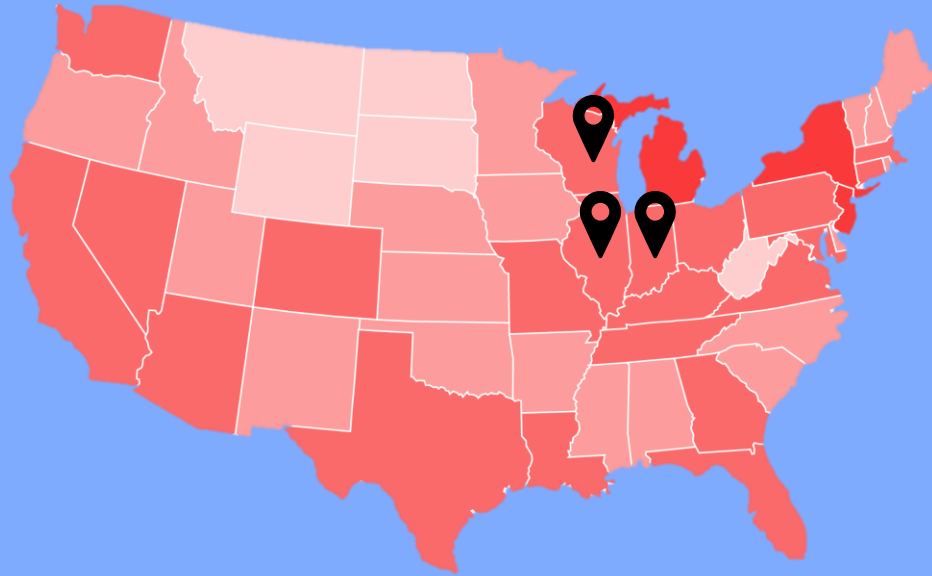
Problem

Solution

Outcome

Recommendation

Recommendation



Problem

Solution

Outcome

Recommendation

Thank you