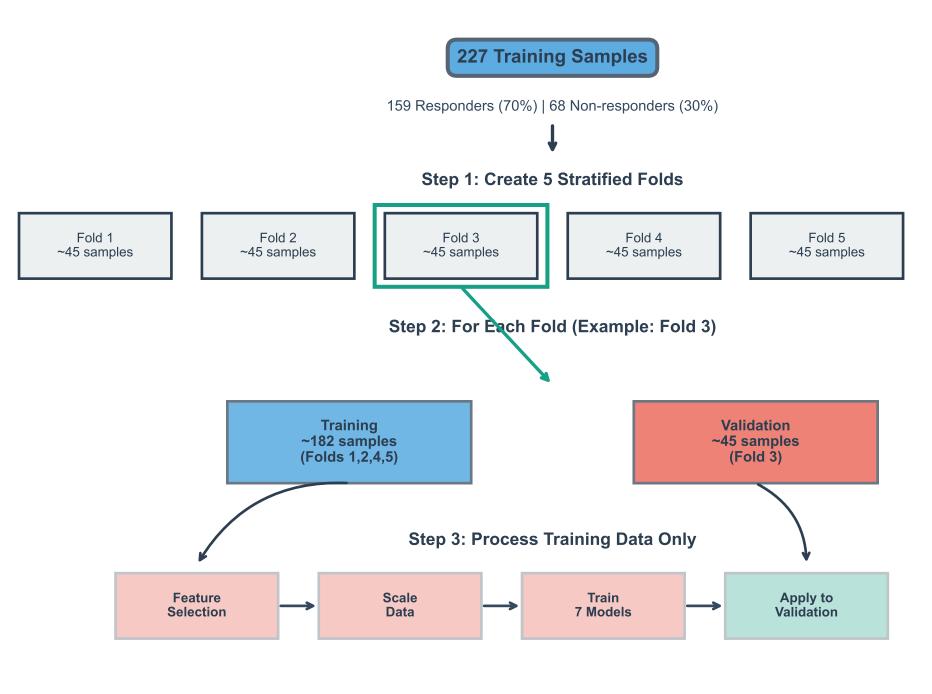
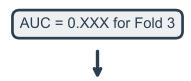
## 5-Fold Cross-Validation: Preventing Data Leakage



**Step 4: Record Validation Performance** 



Repeat for all 5 folds → Mean AUC: 0.70

KEY INSIGHT: Feature selection happens INSIDE each fold using only training data. This prevents overfitting and gives us honest performance estimates.