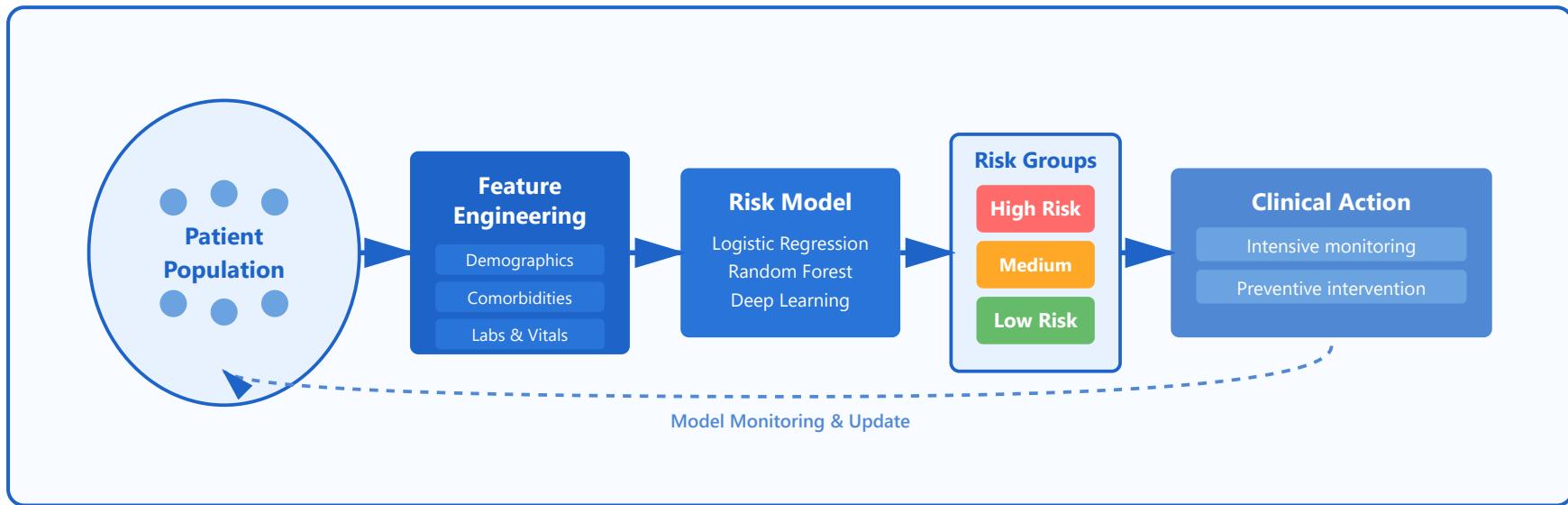


Risk Stratification



Clinical Risk Scores

- CHADS-VASc (stroke risk)
- MELD (liver disease)
- GRACE (cardiac events)
- Point-based scoring systems

Model Development

- Logistic regression
- Cox proportional hazards
- Gradient boosting machines
- Neural networks

Feature Engineering

Calibration & Implementation

- Aggregating encounter data
 - Temporal patterns
 - Medication burden scores
 - Comorbidity indices (Charlson, Elixhauser)
- Calibration plots
 - Decision curve analysis
 - Integration into EHR alerts
 - Continuous model monitoring