

Cohort Identification

Inclusion Criteria

- Age range, gender
- Diagnosis codes
- Procedure history
- Medication exposures

Exclusion Criteria

- Comorbidities
- Prior treatments
- Missing data patterns
- Follow-up requirements

Temporal Constraints

- Index date definition
- Washout periods
- Follow-up windows
- Event ordering

Query Optimization

- Database indexing
- Efficient SQL queries
- Cohort definition tools (ATLAS)
- Sample size estimation