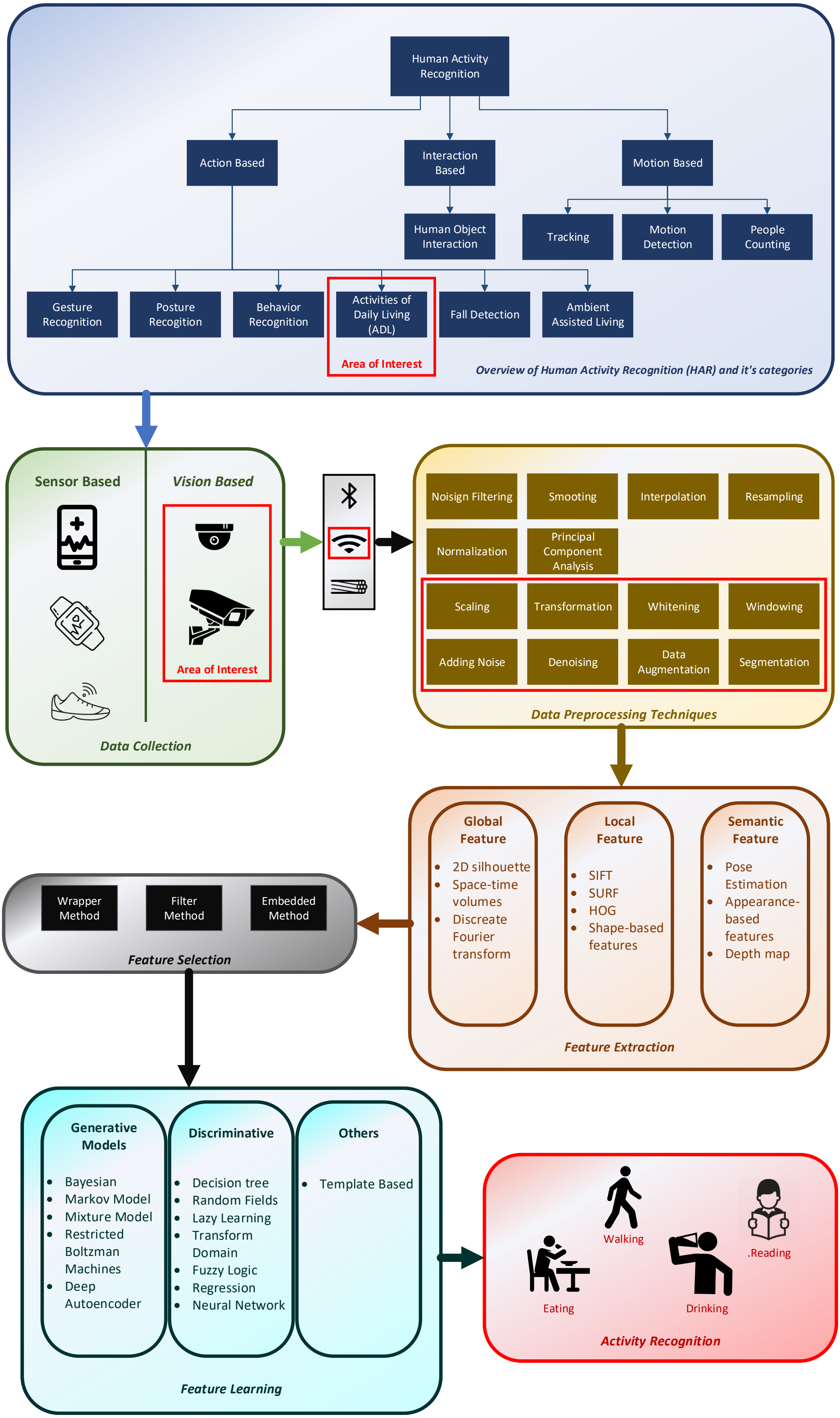
Human Activity Recognition
Action Based
Interaction Based
Motion Based
Human Object Interaction
Tracking
Motion Detection
People Counting
Gesture Recognition
Posture Recogition
Behavior Recognition
Activities of Daily Living (ADL)
Fall Detection
Ambient Assisted Living
Area of Interest
Overview of Human Activity Recognition (HAR) and it's categories
Sensor Based
Vision Based
Area of Interest
Data Collection
Noisign Filtering
Smooting
Interpolation
Resampling
Normalization
Principal Component Analysis
Scaling
Transformation
Whitening
Windowing
Adding Noise
Denoising
Data Augmentation
Segmentation
Data Preprocessing Techniques
Global Feature
2D silhouette
Space-time volumes
Discreate Fourier transform
Local Feature
SIFT
SURF
HOG
Shape-based features
Semantic Feature
Pose Estimation
Appearance-based features
Depth map
Feature Extraction
Wrapper Method
Filter Method
Embedded Method
Feature Selection
Generative Models
Bayesian
Markov Model
Mixture Model
Restricted Boltzman Machines
Deep Autoencoder
Discriminative
Decision tree
Random Fields
Lazy Learning
Transform Domain
Fuzzy Logic
Regression
Neural Network
Others
Template Based
Feature Learning
Walking
.Reading
Eating
Drinking
Activity Recognition