```mermaid
flowchart LR
    A[Input Data] --> B[Pre-processing] --> C[Feature Extraction] --> D[Learning Model]
```

Input Data	Pre-processing	Feature Extraction	Learning Model

Input Data
- Input images
- Input Video

Pre-processing — Apply Transformation
- Normalize
- Color transform

Feature Extraction — Distinguishable Features
- SIFT
- SURF

Learning Model — Learn from features