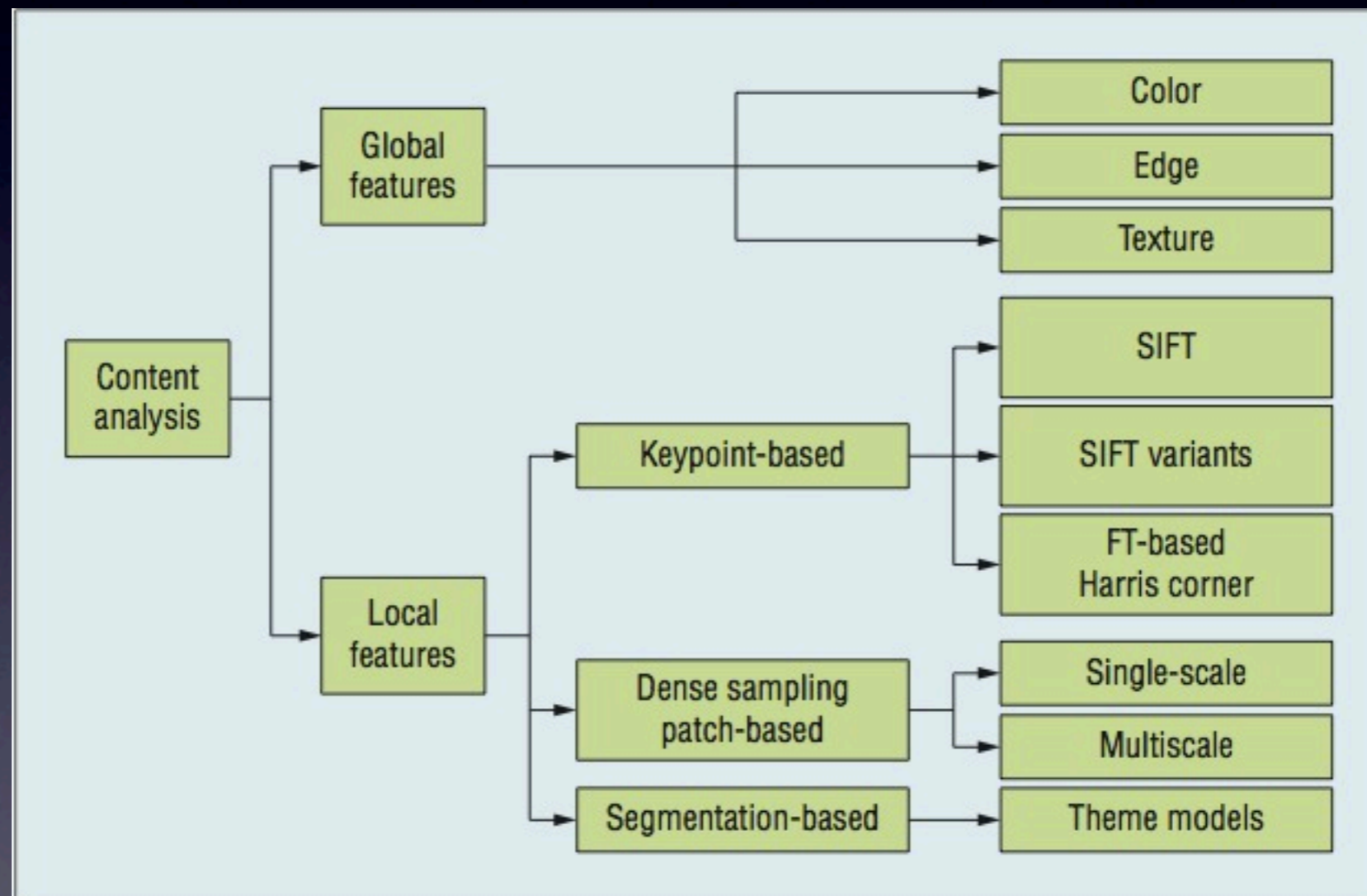# A Comparative Study of Mobile-Based Landmark Recognition Techniques

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Landmark Recognition System

- Content Analysis

- Context Analysis

- Classification

Content Analysis

Context Analysis

- Determine location through GPS information

- Pros : Can facilitate recognition

- Cons: Not works well when indoor

Classification

- Identifying which category the captured landmark belongs to

- Discriminative classification

  - perform well in the presence of background clutter, view-point change

- Generative classification

  - deal with missing data

Limitation of mobile devices

- Low processing power

- Limited storage capacity

- Real-time requirement

Integrate Context and Content Analysis

- Location recognition system using mobile devices

- Snap2Tell

- Photo-to-Search system