



## Of interest to:

Marketing, Knowledge Managers, Media Producers and Publishers, CDO, CTO

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# AI Powered Video Discovery and Engagement

## Leveraging knowledge graphs for semantic video summarisation

### Background

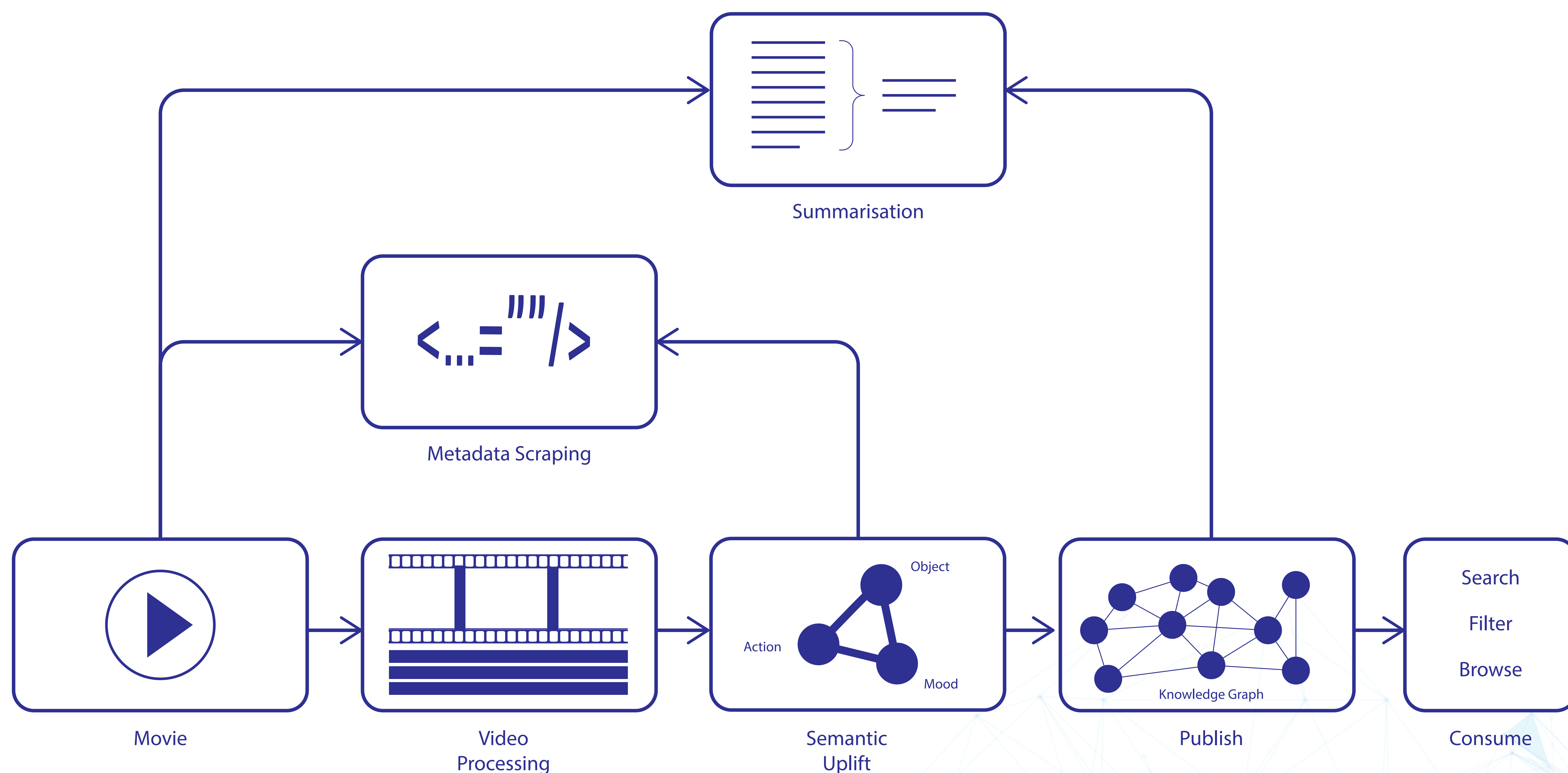
Videos are currently recommended based on human authored reviews and production metadata. Searching for actors, actions, moods (tense/happy) and objects within videos is a manual and time consuming process. This makes exploration or summarisation from a large video catalogue a difficult task.

### Challenge

To enable search of video content and automatic summarisation of large video collections.

### Solution

- A semantic annotation tool for videos
- A pipeline for the creation of knowledge graphs of videos
- Algorithms for search and automatic summarisation of videos



### Results and Benefits

- Patentable approach to data modelling and knowledge graph creation for video search and summarisation
- Ability to search over video content and offer personalised summaries of long videos
- Companies could use this to analyse their video content and generate searchable knowledge bases

### Use Cases

- Digital libraries
- Media organisations
- Video archives
- Journalists
- Entertainment

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