Applications of Artificial Intelligence in Real-Time Video Analytics

**Background:**
An enormous amount of data is generated in surveillance systems. Manually inspecting the video feeds in real-time is costly, tedious and prone to errors.

**Methodologies used:**
- Deep Learning
- Object Detection
- Movement Tracking
- Optical Character Recognition

**Proposed Pipeline:**

An end-to-end, fully automated pipeline was proposed to automate the analysis of illegal parking detection in real-time with minimal or no human-in-the-loop.