**Human Activity Recognition using Deep Learning**

**Description**: Human Activity Recognition involves predicting the movement of a person based on sensor data and traditionally involves deep domain expertise and methods from signal processing to correctly engineer features from the raw data in order to fit a machine learning model.

Recently, deep learning methods such as convolutional neural networks and recurrent neural networks have shown capable and even achieve state-of-the-art results by automatically learning features from the raw sensor data.

**Industry**: Defense and Law Enforcement

**Tools**: Convolutional Neural Networks, Recurrent Neural Networks