**Teme proiect Data Mining**

1. **Image segmentation**

Image segmentation is the process of partitioning a digital image into multiple segments (sets of pixels, also known as image objects)

1. **Rule detection in cellular automata for density classification task**

The majority problem, or density classification task is the problem of finding one-dimensional cellular automaton rules that accurately perform majority voting.

1. **Edge detection**

Edge detection is an image processing technique for finding the boundaries of objects within images.

1. **Text mining**

Text mining, also referred to as text data mining, roughly equivalent to text analytics, is the process of deriving high-quality information from text.

1. **Malware detection**

Malware detection refers to the process of detecting the presence of malware on a host system or of distinguishing whether a specific program is malicious or benign.