# 1. Text summarization:

In our English language we commonly talk about summary or summarizing anything which has the meaning of converting a very long text into shorter form . Text summarization in AI refers to the process of condensing a long piece of text into a shorter and more concise version while preserving its key information and meaning.

# 2. Object Detection:

Detect means to catch something or find out something uniquely with a specific identity from a group of different images. Object detection in AI is the process of using computer vision and machine learning techniques to identify and locate objects within images or video frames.

# 3. Image Segmentation:

Image segmentation means to partitioning an image into distinct and meaningful regions, allowing for the identification and separation of different objects or areas within the image.

# 4. Image Classification:

Image classification is the process of teaching a computer system to recognize and categorize images into different classes or categories. It involves training a machine learning model using a labeled dataset, where each image is associated with a specific class or category.