

IMAGE SEGMENTATION AND AI

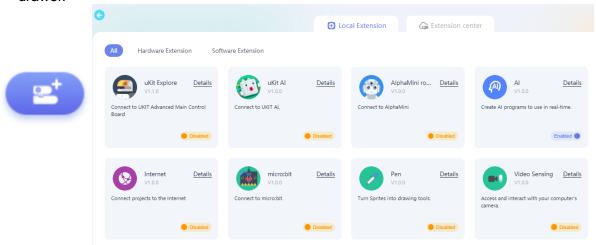
Topic: Machine Learning, Artificial Intelligence

Short Description: In this lesson, you will explore how to use body segmentation blocks into short AI projects.

Note: An integrated or external webcam will be needed to utilize this sample code.

Steps:

 Go to <u>uCode</u> and load the AI extension by clicking the Add Extension button in the lower-left corner of your screen. You should now have AI blocks available in the AI drawer.



 In this drawer, note the types of blocks you have access to under AI - General and AI -Body segmentation. These blocks use machine learning models built using TensorFlow.



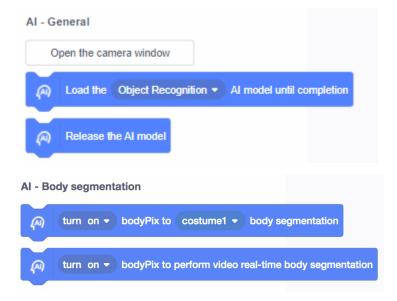




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3. You can start interacting with your Al blocks by building a program like the one below. To utilize your camera, click on the **Open the camera window** button in the **Al - General** block section.

```
when clicked

Load the Image Segmentation Al model until completion

turn on bodyPix to perform video real-time body segmentation
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