

## ROS, LAB EXERCISE 5

- (1) Populate a TB3 Gazebo empty world with objects. Save you world and run the recognition script. Does TB3 recognize any of the objects in the world you constructed?
- (2) Modify the recognition script to work with the physical TB3. Show TB3 different common objects at various distances, angles and illuminations. What percentage of objects does TB3 recognize?
- (3) Read an article about neural networks Deep Learning. What do people say about Tensorflow versus Pytorch? Currently, what is the SOTA model for object identification in images?