-Define what to predict ( CIFAR 10)

-Define failure modes of cameras (are corruptions enough?) (Do we need filters?)

-Discuss if we will enhance the pictures as the filters of the cameras already do or if we will only corrupt the pictures

-Define experiments:

The simulated system to evaluate will be a mounted tilt camera aiming to simulate an detection system capable of identifying objects. The detection algorithm will be trained using the CIFAR 10 dataset under different corruption conditions and augmentation techniques during both training and testing settings.

A) The algorithm is first trained with a CLEAN dataset and then the TEST samples are corrupted with different alternations to represent changes in the cameras.

B) The algorithm is trained for each camera both training and testing datasets are corrupted but evenly distributed.

C) The testing dataset is augmented to simulate