🧪 Experiment Plan

Aa Experiment	☰ Tags	☰ Description	⊙ Backbone	⊙ Weather	⊙ Dataset
Experiment 1	Pending	No change in the weather, backbone used is resnet18 with training RL with all the three reward functions over time.	ResNet18	Constant	Constant_Weather
Experiment 2	Pending	Change the weather during the RL training, create a dataset similar for object detection. With all the three reward functions.	ResNet18	Changing	Changing_Weather
Experiment 3	Pending	No change in the weather, backbone used is resnet34 with training three reward functions over time.	ResNet34	Constant	Constant_Weather
Experiment 4	Pending	Change the weather during the RL training, dataset from experiment 2 can be used for this experiment. All the reward function used during RL training.	ResNet34	Changing	Changing_Weather
Experiment 5	Pending	No change in the weather during the RL training, dataset from experiment 1 can be used. Using all the reward functions.	ResNet50	Constant	Constant_Weather
Experiment 6	Pending	Change the weather during the RL training, dataset from experiment 2 can be used. Using all the reward functions	ResNet50	Changing	Changing_Weather
Experiment 7	Pending	Ablation study. Remove one of the reward function and see how it affects the results.	Tbd	Tbd	Tbd