Task 1: Controlled Trace Generation

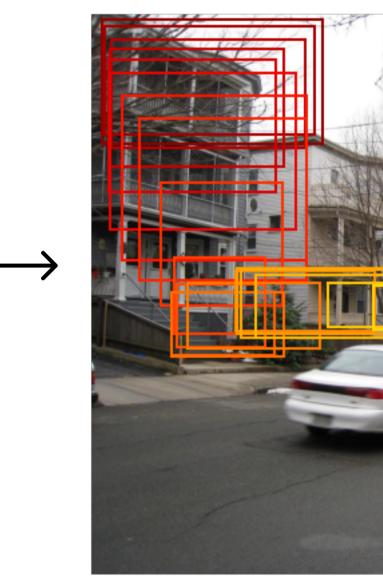
Ground-truth caption

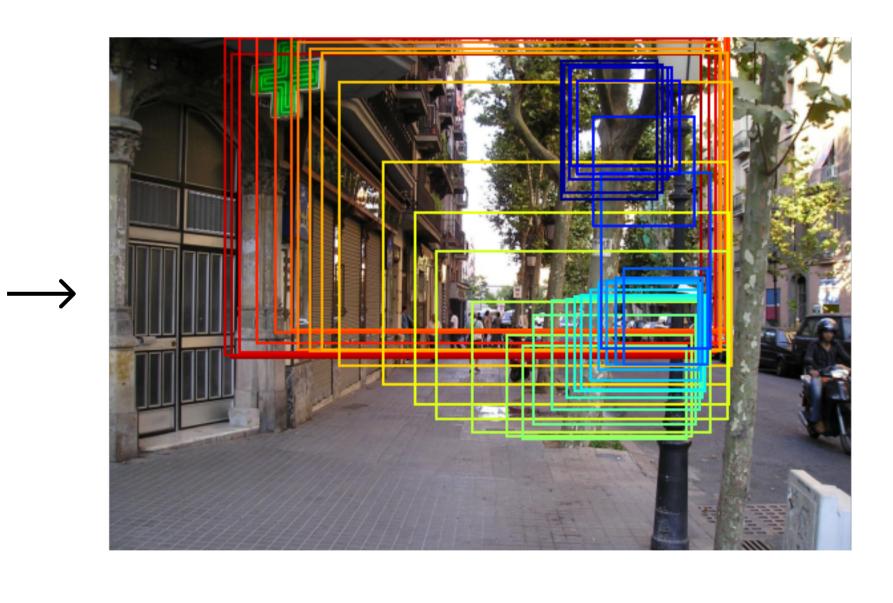
In the center of the image there is a person holding some object in his hand. At the bottom of the image there is grass. There is sand. To the left side of the image there is a black color object on the grass.

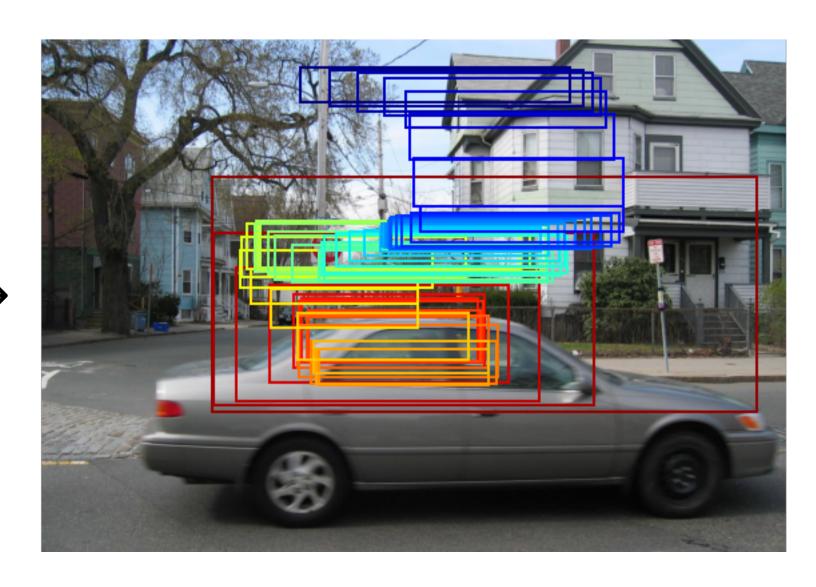
In this image there are buildings and trees in the left corner. There are buildings, poles with some sign boards, a sidewalk and trees in the right corner. There are vehicles in the foreground. There are trees in the background. There is a road at the bottom. And there is a sky at the top.

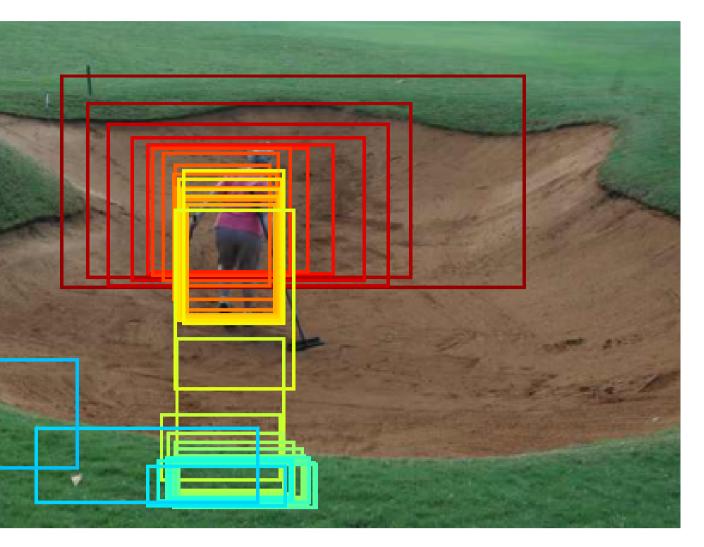
In this image there are buildings and trees. We can see vehicles on the road and there are people. We can see boards. In the background there is sky.

In this image in the center there is a car moving on the road. In the background there are buildings, trees, there is grass on the ground, there are boards with some text written on it and there are vehicles on the road and the sky is cloudy.

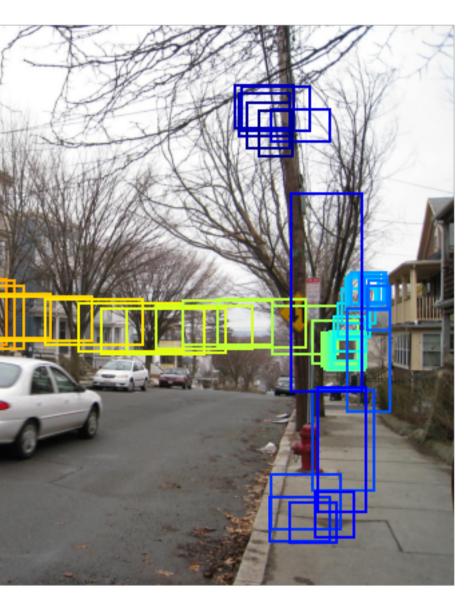








Predicted trace



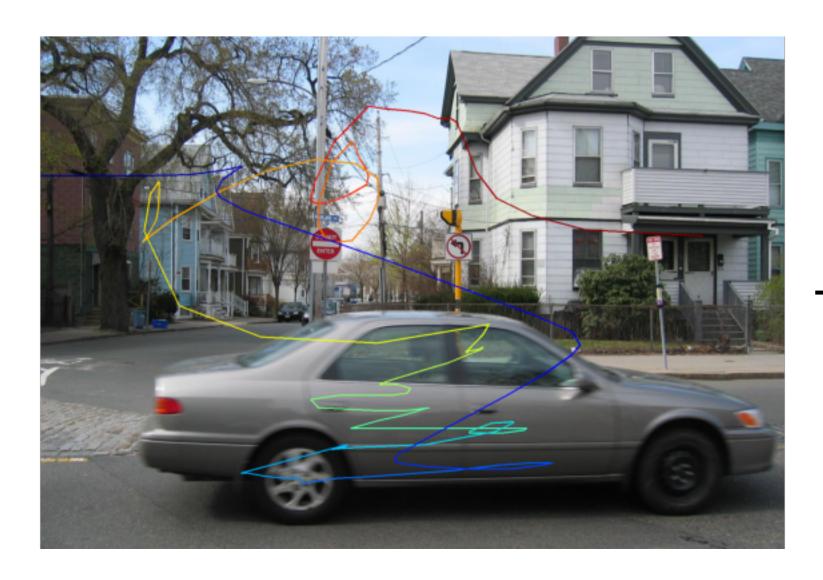
Task 2: Controlled Caption Generation

Ground-truth trace









Predicted caption

In this image, we can see a person wearing a cap and holding a bat. At the bottom of the image, there is a ground. There is grass. On the left side of the image, there are objects on the ground.



In this image, we can see buildings and there are trees, boards and there is a sign board and we can see a traffic light \rightarrow poles and there are bins. We can see vehicles on the road and there are boards. At the bottom, there is a road. In the background, there is the sky.

In this image there are buildings and trees. We can see vehicles on the road. There are people. \rightarrow There are boards. In the background there is sky.

> In this picture we can see there are vehicles on the road. On the left and right side of the image, there are buildings and trees. At the top of the image, there are poles with cables. At the top of the image, there is the sky.