All the code is based on Python using Jupyter Notebook.

Steps followed to run the code.

1. Open the anaconda command line and create a virtual environment with the below command:

conda create -n cs688 python = 3.7

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1. Activate the cs688.



1. Open the Jupyter Notebook by the below command.



1. Installed the below packages in the cs688 virtual environment of the ‘johns’ folder.

Notebook, numpy, matplotlib, scipy, scikit-image, ortools, opencv-python

1. Now run the Jupyter Notebook command as below.



1. Notebook will be open in the browser. Run the Python code in the .ipynb file to replicate the results in the report.

A screenshot of a computer program

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