

Reflection

My pipeline consisted of below steps.

- 1) First, I converted the images to grayscale
- 2) Define a kernel size for Gaussian smoothing / blurring, define our parameters for Canny and run it
- 3) Region mask - defining a four sided polygon to mask
- 4) Define the Hough transform parameters
- 5) Create a "color" binary image to combine with line image

Here are images output in my code -



Output images



Output video after applying logic-



2. Identify potential shortcomings with your current pipeline

I'm facing issues in reading multiple images in pipeline and apply all transformation logic

3. Suggest possible improvements to your pipeline

I will apply glob function suggested my mentor to read multiple images.