

Finding Lane Lines on the Road

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The goals / steps of this project are the following:

- Make a pipeline that finds lane lines on the road
- Reflect on your work in a written report

Reflection

Describe your pipeline. As part of the description, explain how you modified the `draw_lines()` function.

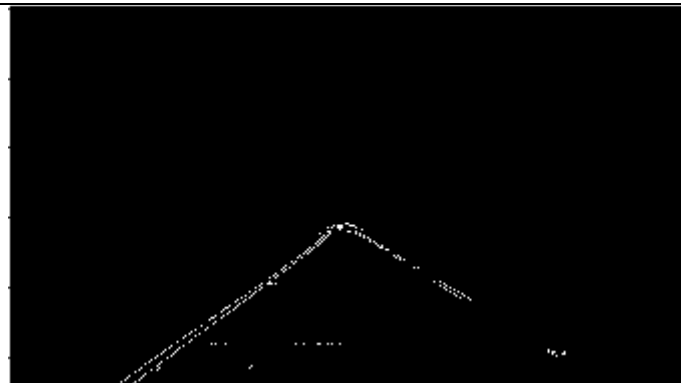
My pipeline consists of the following steps:

Initial image	
Making a gray scale image from initial image with <code>grayscale(...)</code> function.	
Applying gaussian blur to gray scale image with <code>gaussian_blur(...)</code> function.	

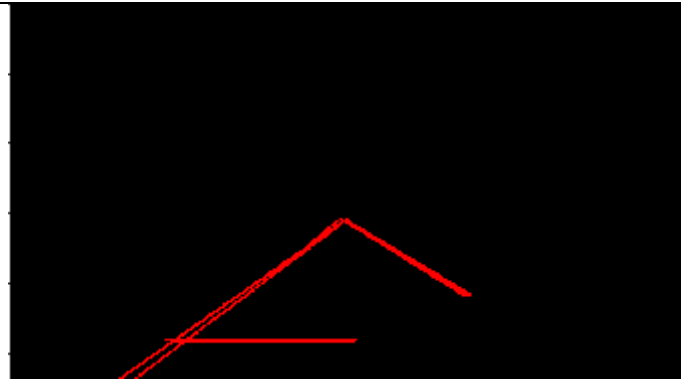
Detecting the edges via canny (...) function.



Limit the region with region_of_interest(...) function.



Using Hough transform to find lines from canny edges via hough_lines(...) function.



Draw the lines on the edge image via weighted_img(...) function.



Identify potential shortcomings with your current pipeline

My current pipeline is not flexible but it's not able to detect the curves and detecting the region of interest is not calculated flexible and it's always a constant.

Suggest possible improvements to your pipeline

It's better that I calculate the region of interest dynamically instead of constant values.