

Image Analysis Report

By

1.	My Original Image	<i>Copy your original color image here.</i>
2.	My Image in Grayscale	<i>Copy the grayscale image you made in Octave here.</i>
3.	The dimensions of My Image	<i>The number of rows and columns in your image.</i>
4.	The Section I Analyzed	<i>The row and column section you analyzed. Include the image of the section as well.</i>
5.	Graph of Pixel Values	<i>Copy the plot of the pixel intensities here.</i>
6.	Graph of First Derivative	<i>Copy the plot of the derivative approximation here.</i>
7.	Graph of Second Derivative	<i>Copy the plot of the second derivative approximation here.</i>
8.	Analysis	<ul style="list-style-type: none">• <i>Explain briefly how each graph relates to the image section.</i>• <i>Provide an example of a relative maximum or relative minimum, and how you could identify it from the graph of the pixel values and the first derivative.</i>• <i>Identify a portion of the section that is either concave up or down. Express this from the perspective of all three graphs.</i>
9	Copy of Octave Script	<i>Copy and paste the script that you wrote to make your analyses.</i>

Save this as a pdf document as "FirstName_LastName_ImageAnalysis.pdf" and submit it electronically