

Métodos de Segmentação Com OpenCV

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Processamento De Imagens

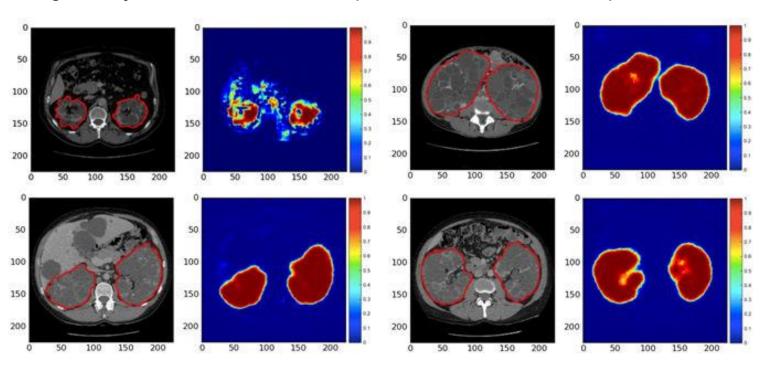
Machine Learning















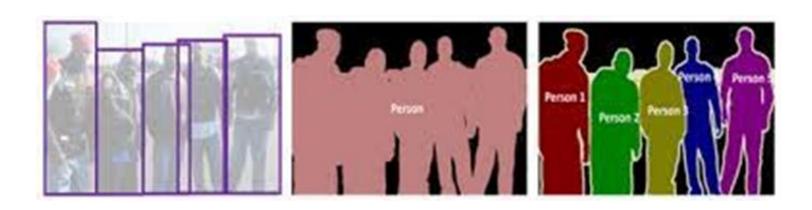














Machine Learning





Filtro de Sobel





Filtro de Sobel

$$\mathbf{G_x} = egin{bmatrix} -1 & 0 & +1 \ -2 & 0 & +2 \ -1 & 0 & +1 \end{bmatrix} * \mathbf{A} \quad \mathbf{e} \quad \mathbf{G_y} = egin{bmatrix} +1 & +2 & +1 \ 0 & 0 & 0 \ -1 & -2 & -1 \end{bmatrix} * \mathbf{A}$$

-1	0	1
-2	0	2
-1	0	1
	(a)	

1	2	1	
0	0	0	
-1	-2	-1	
(b)			





Filtro de Prewitt





Roberts Prewitt



Filtro de Prewitt

$$\mathbf{G_x} = egin{bmatrix} -1 & 0 & 1 \ -1 & 0 & 1 \ -1 & 0 & 1 \end{bmatrix} * \mathbf{A} \quad ext{and} \quad \mathbf{G_y} = egin{bmatrix} -1 & -1 & -1 \ 0 & 0 & 0 \ 1 & 1 & 1 \end{bmatrix} * \mathbf{A}$$

-1	0	1	
-2	0	2	
-1	0	1	
(a)			

1	2	1	
0	0	0	
-1	-2	-1	
(b)			





Obrigado!

Machine Learning

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