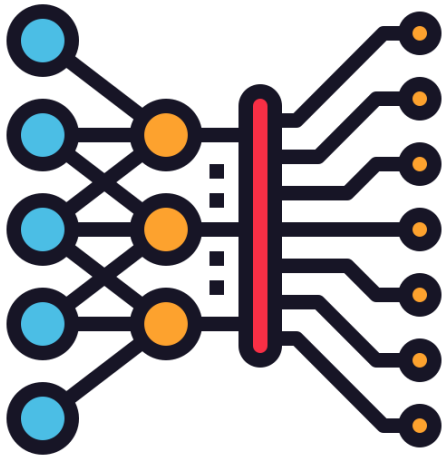
Segmentação de Imagens

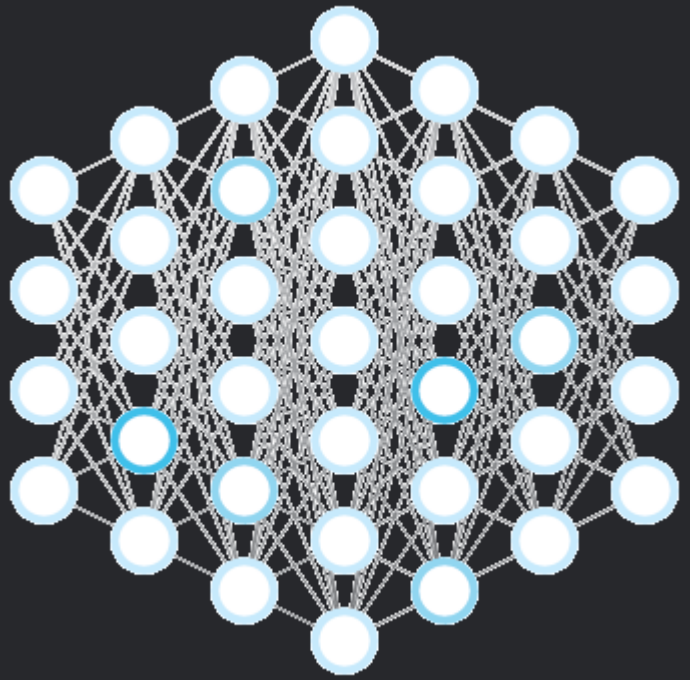
Prof. Dr. Diego Bruno

Education Tech Lead na DIO
Doutor em Robótica e *Machine Learning* pelo ICMC-USP

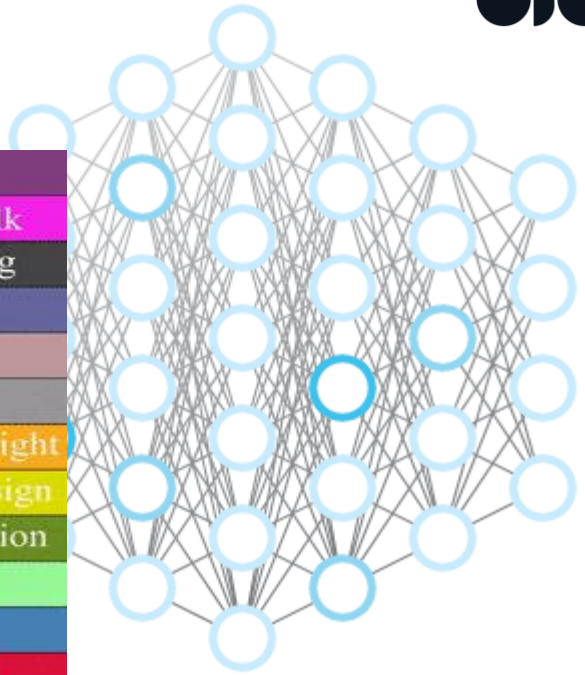


Segmentação De Imagens

Machine Learning

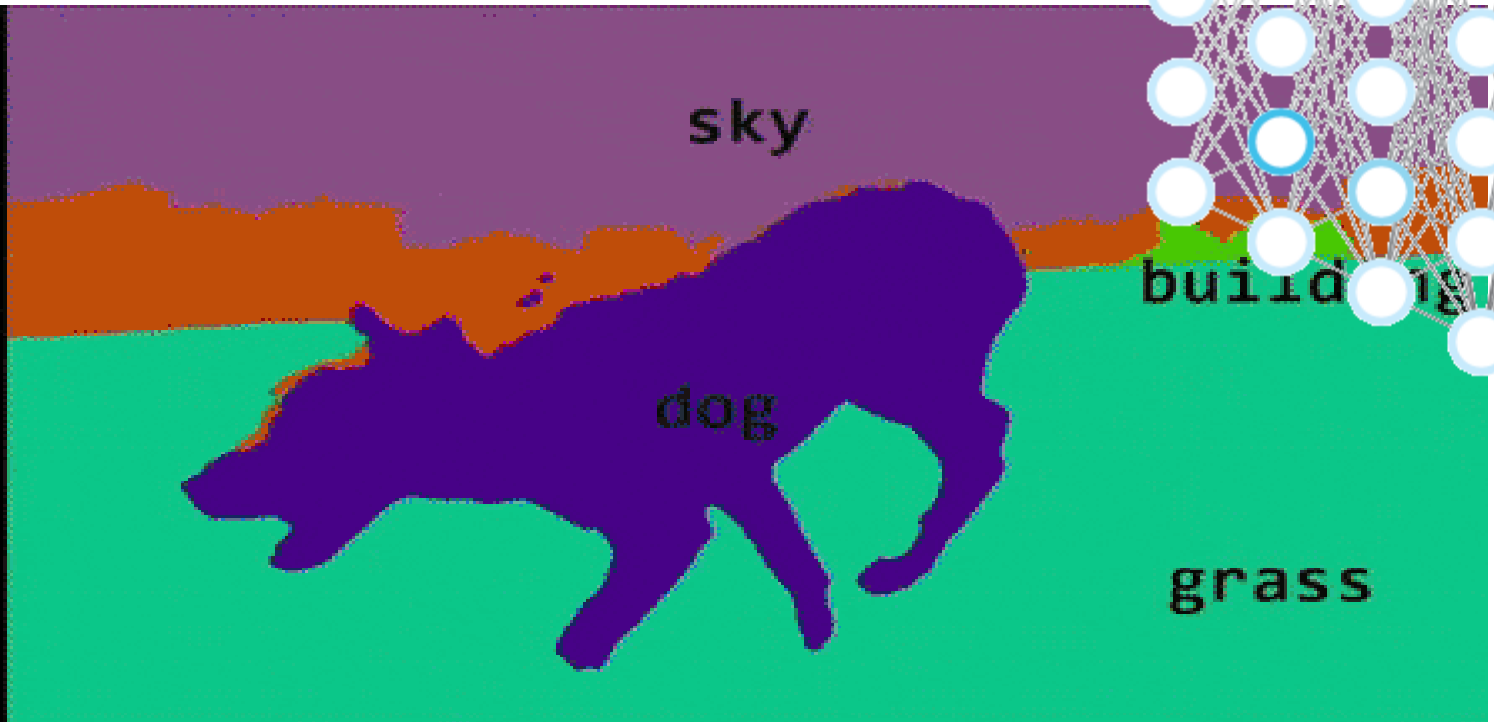


Segmentação



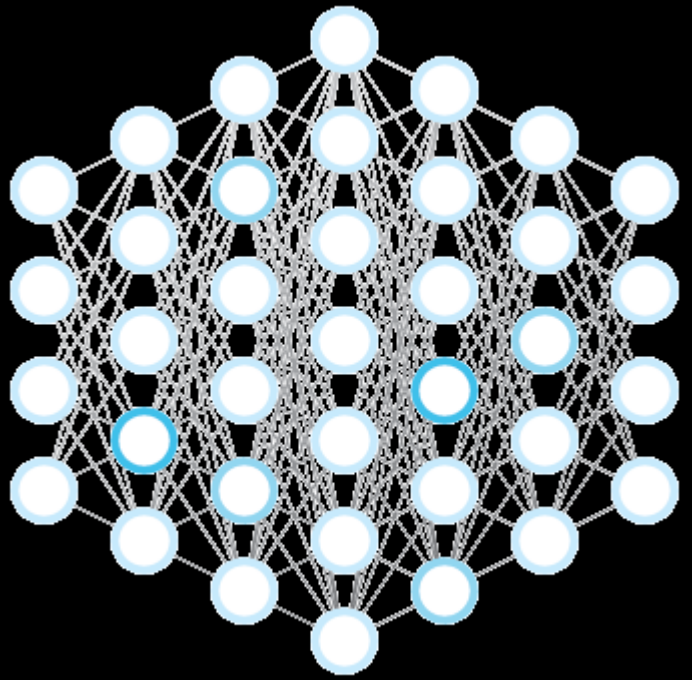
Segmentação

→ Segmentação de objetos:



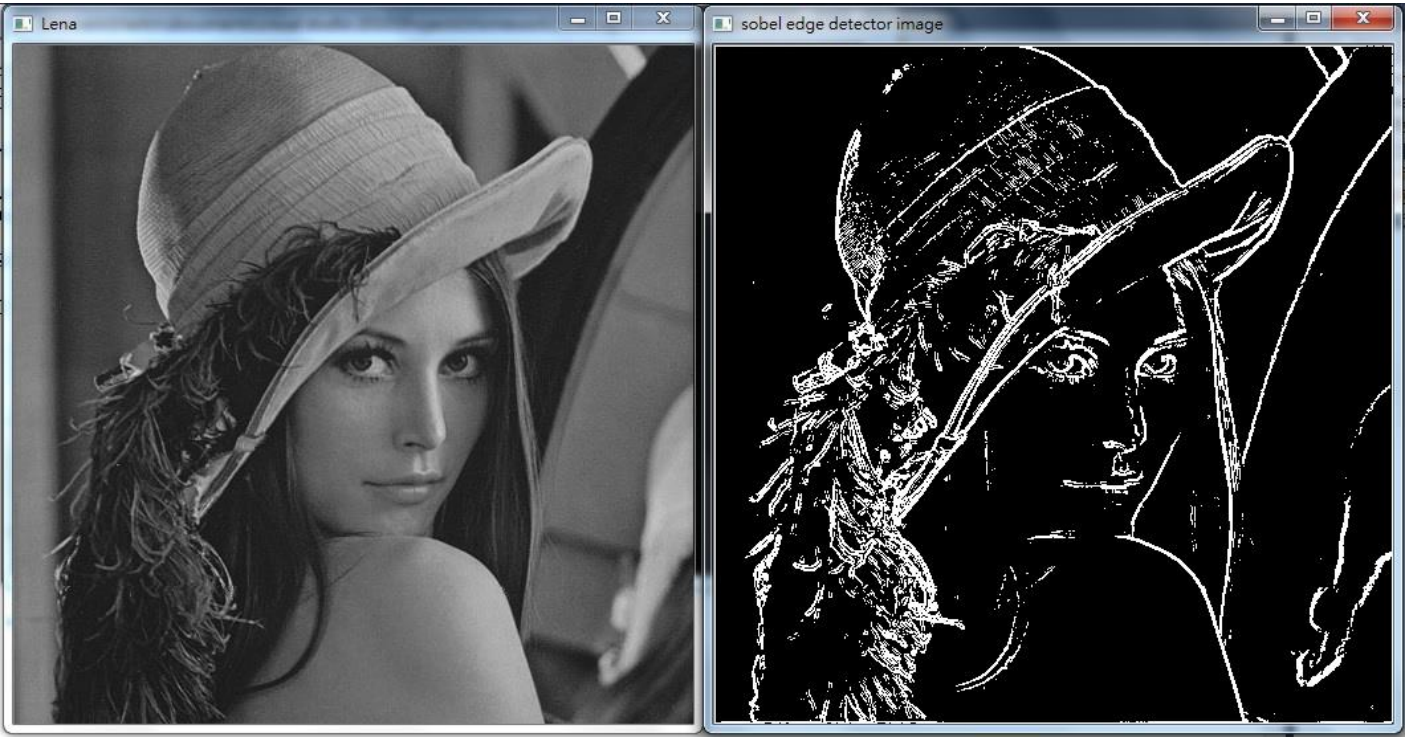
Onde tudo Começou...

Machine Learning



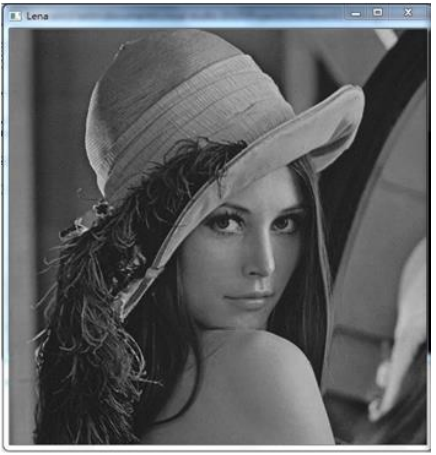
Segmentação

→ Filtro de detecção de bordas: Filtro de Sobel



Segmentação

→ Filtro de detecção de bordas: Filtro de Sobel

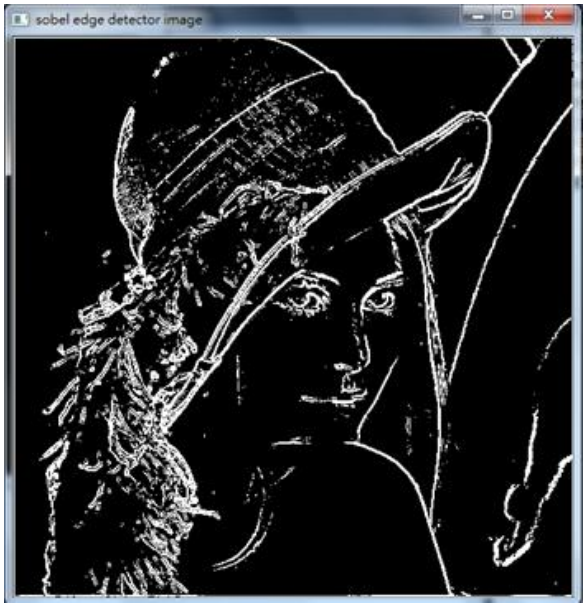


-1	0	+1
-2	0	+2
-1	0	+1

Gx

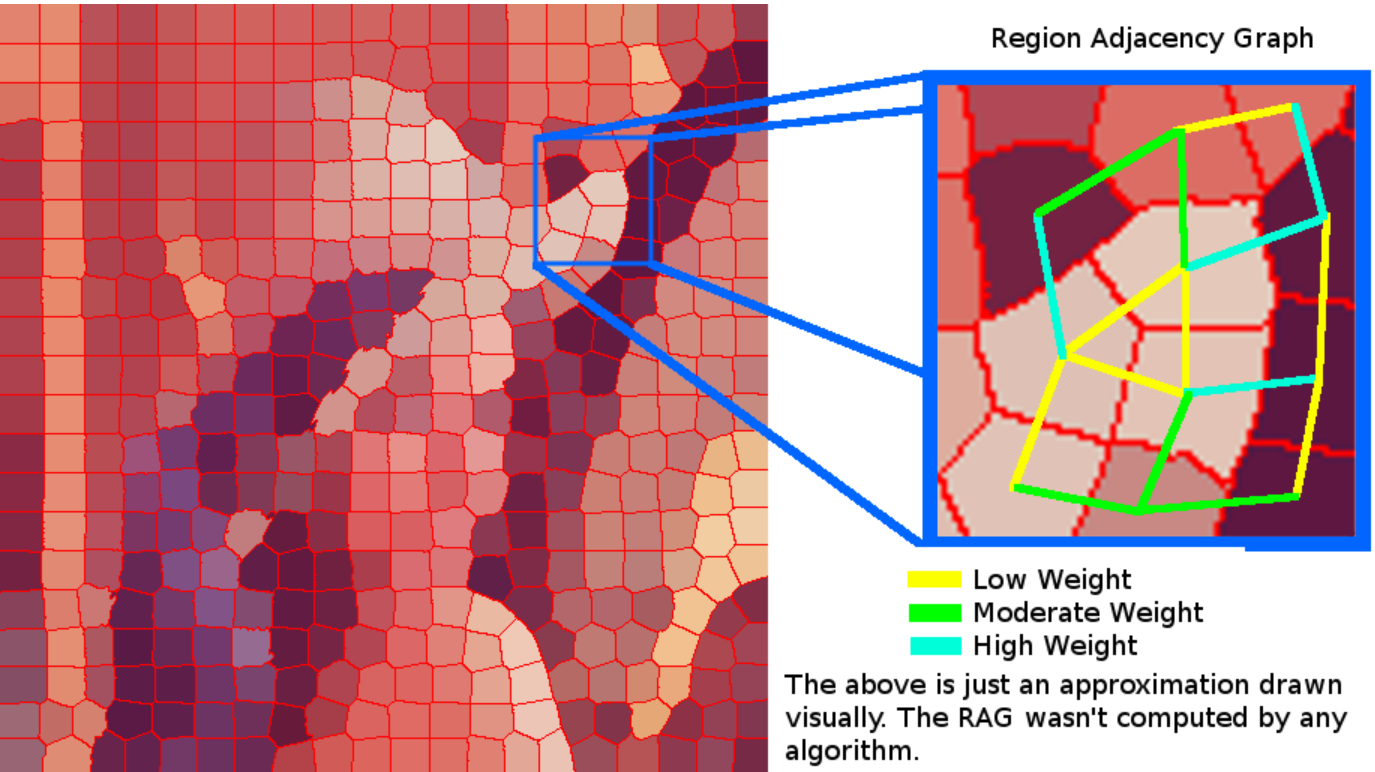
+1	+2	+1
0	0	0
-1	-2	-1

Gy



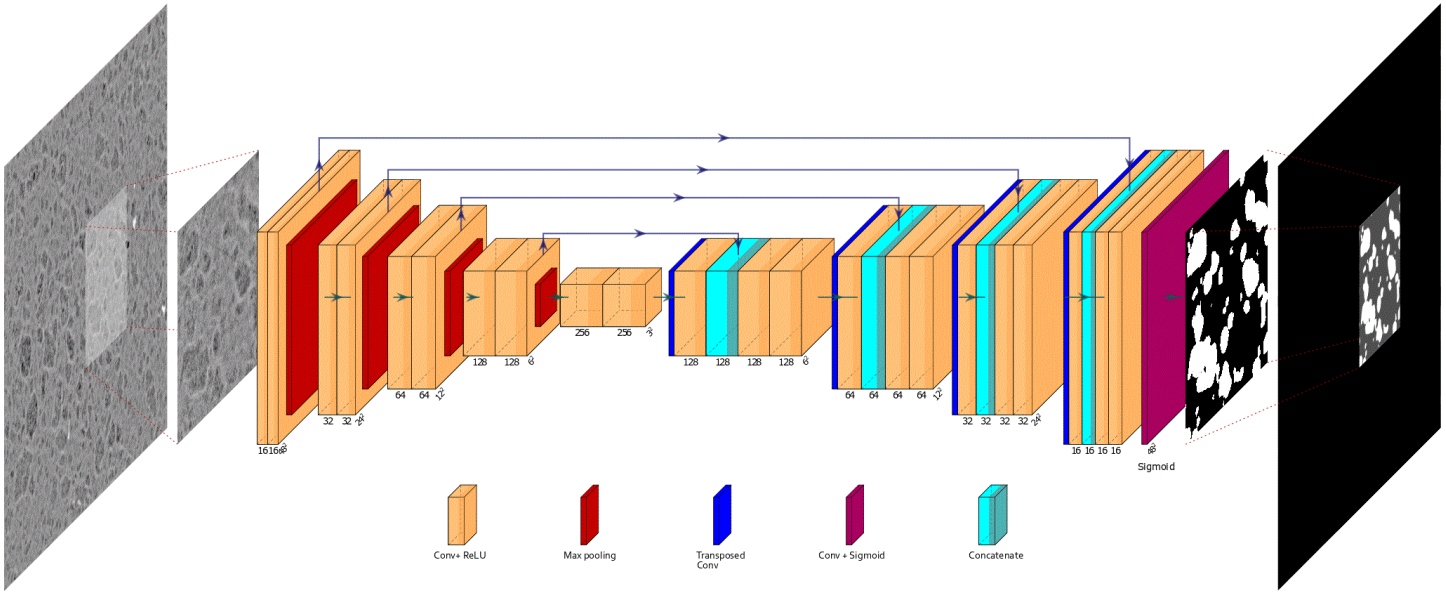
Segmentação

→ Segmentação de objetos:



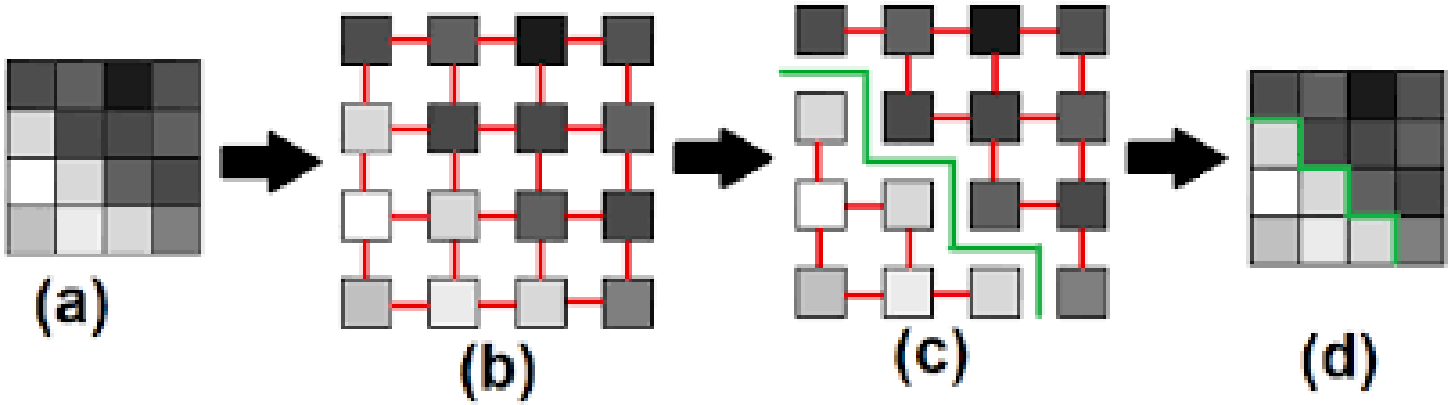
Segmentação

→ Arquitetura de uma *Deep Learning* para segmentação:



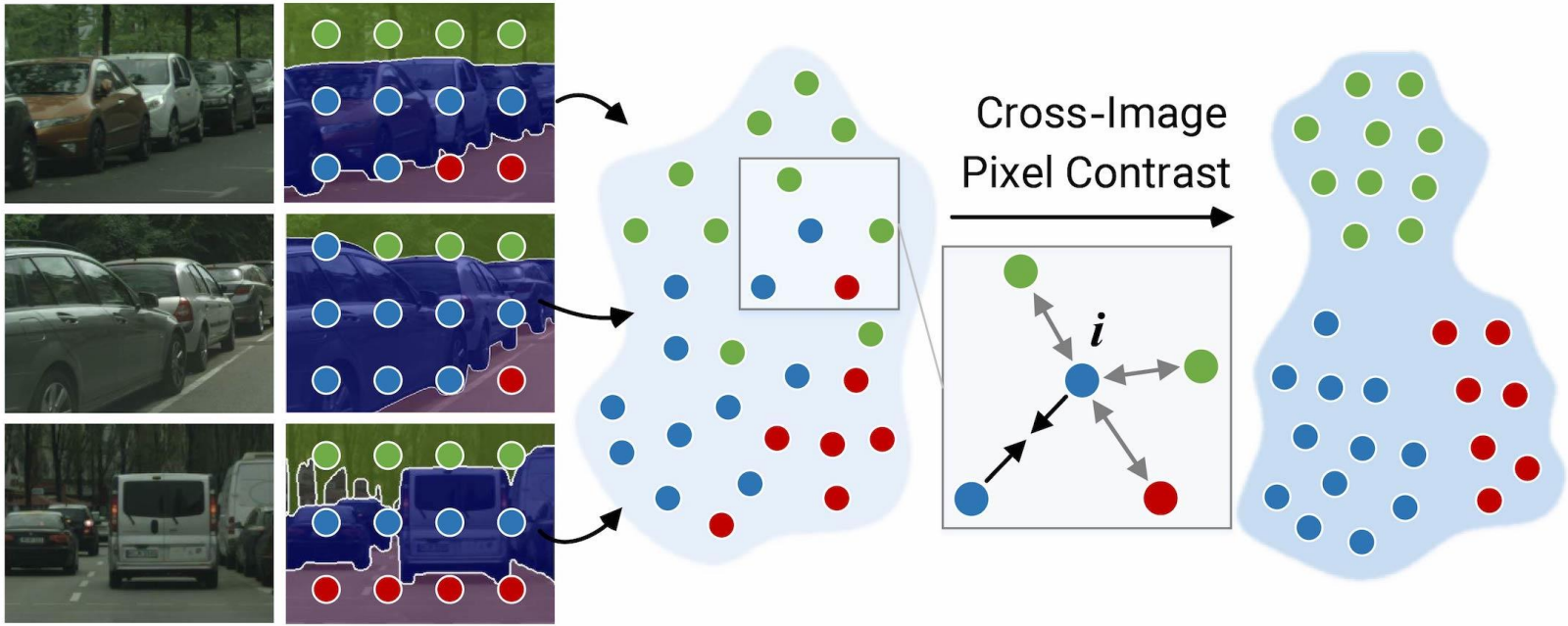
Segmentação

→ Segmentação de objetos:



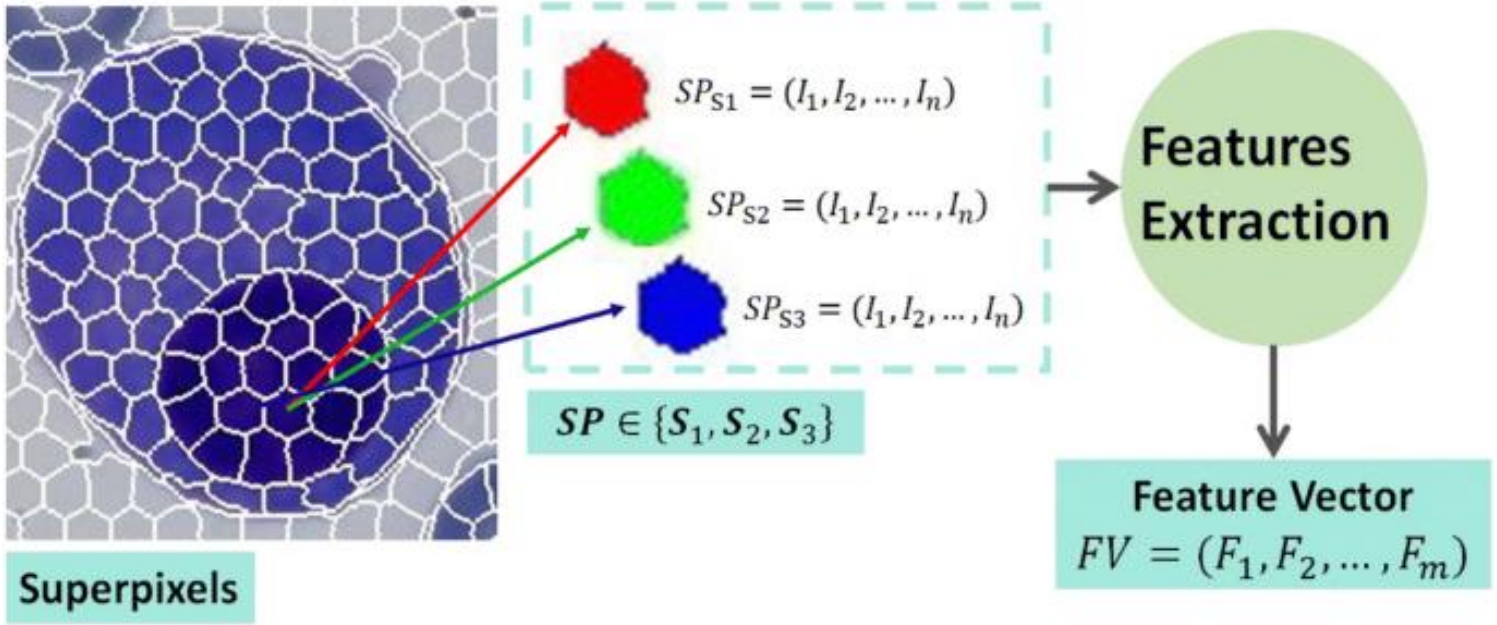
Segmentação

→ Segmentação de objetos:



Segmentação

→ Segmentação de objetos:



Obrigado

Machine Learning

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