

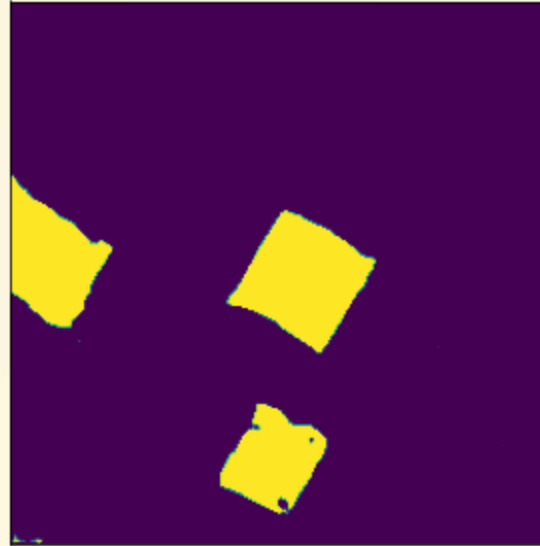
Segmentation Task

How do we get to this?

Image



Prediction



Problem Description

Similar to image classification.

Instead of classifying the class of the image - classfiy every pixel.

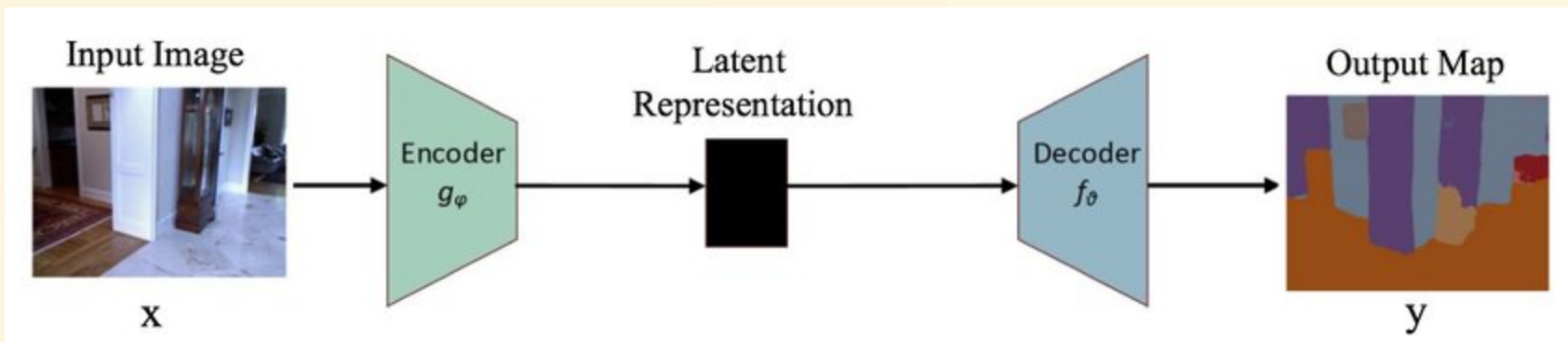


General Idea

Encoder - Decoder architecture

Compress image to dense representation [Encoder]

Decode image from dense representation [Decoder]



Why? Receptive Fields in the dense representation is (nearly) global.

Spatial information

We loose spatial (positional)
information

If I tell you there is a dog in a
image, can you tell me where
it is?

No.



