

What is the **likelihood** for feature **x**
in that given class:

 : **0.0**, **0.4**, **0.6**

What is the (**prior**) probability of
dog pictures overall?



$$P(\mathcal{C}_1|\vec{x}) = \frac{P(\vec{x}|\mathcal{C}_1)P(\mathcal{C}_1)}{P(\vec{x})}$$

Probability of the Features **x** = the **Evidence**
(In the example: could be high level, e.g. overall color
green, **brown**, ...)