

ProtoPNet

4 Prototypes



Figure 3: The reasoning process of our network in deciding the species of a bird (top).

[Source: Chen et al., 2019]

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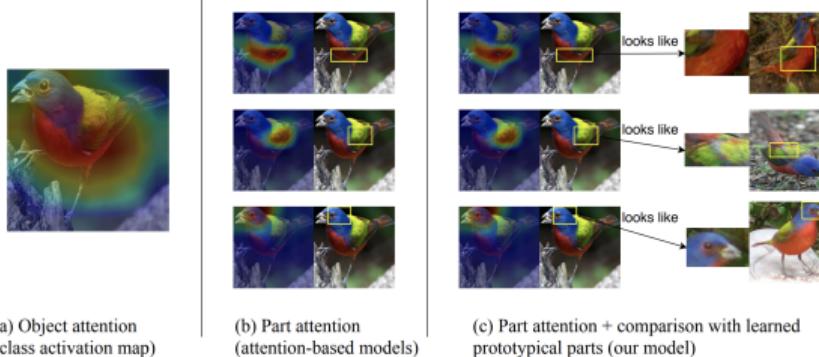


Figure 4: Visual comparison of different types of model interpretability: (a) object-level attention map (e.g., class activation map [56]); (b) part attention (provided by attention-based interpretable models); and (c) part attention with similar prototypical parts (provided by our model).

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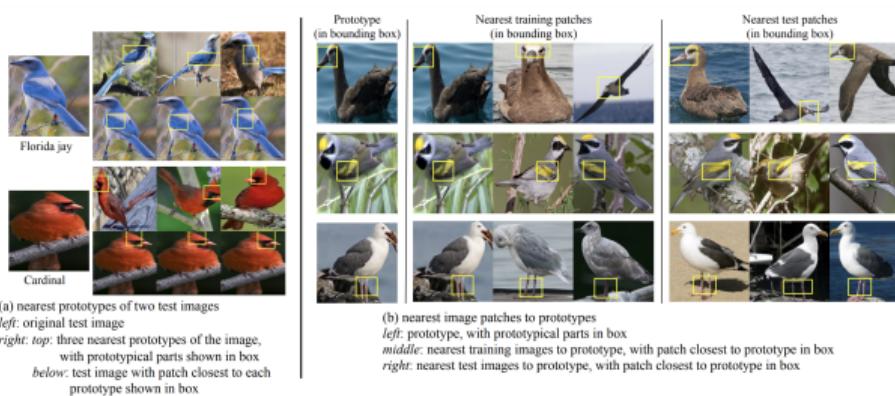


Figure 5: Nearest prototypes to images and nearest images to prototypes. The prototypes are learned from the training set.

[Source: Chen et al., 2019]