Goal: Perform classification from positive and unlabeled data

Image identification task
- Identify unlabeled images that are in the same class as the labeled images
- Dataset contains:
  - Labeled images of pandas ($y=1$)
  - Unlabeled images, either panda ($y=1$) or not panda ($y=-1$)
- If the class prior $p(y = 1)$ is known, $p(y = 1|x)$ can be estimated [1]