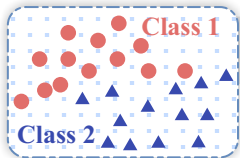


## Base Task



(w/ large labeled data)

## Task 1



(w/ scarce labeled data)

## Task $n$



(w/ scarce labeled data)

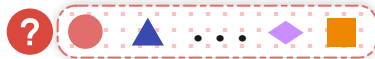


● is [class 1], ▲ is [class 2],  
■ is [class 1], and ◆ is [class 2]. ❌



● is [class 1], ▲ is [class 2],  
■ is [class 3], but I can't tell what is ◆. ✅

...



● is [class 1], ▲ is [class 2], ...,  
◆ is [class 2] and ■ is [class 3]. ❌



● is [class 1], ▲ is [class 2], ...,  
and now I can tell ◆ is [class  $i$ ],  
but I can't tell what is ■. ✅