The general active learning framework only accounts for labeling cost indirectly and assumes a uniform cost across observations.
This work proposes an active learning technique for non-uniform labeling cost that does not require the practitioner to specify the trade-off between cost and improvement.

Sample observations from the Pareto frontier of classifier improvement and cost.

Two algorithms:
1. Assumes that the cost for each observation is known
2. Assumes that the cost for each observation is unknown but can be represented by a random variable