Quiz\_Lecture19

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**What is the difference between semi-supervised learning and active learning?**

Semi-supervised learning:

In the semi supervised learning process, the learner does not interact with the outside, but automatically uses the unlabeled data and the labeled data to improve the classification performance. The goal of learning algorithm is to achieve less error in the unlabeled data set.

Active learning:

Active learning interacts with the outside. The learning algorithm can actively propose some annotation requests and submit some filtered data to some people (such as experts) for annotation. The goal of learning algorithm is to get the best performance with the least number of queries.