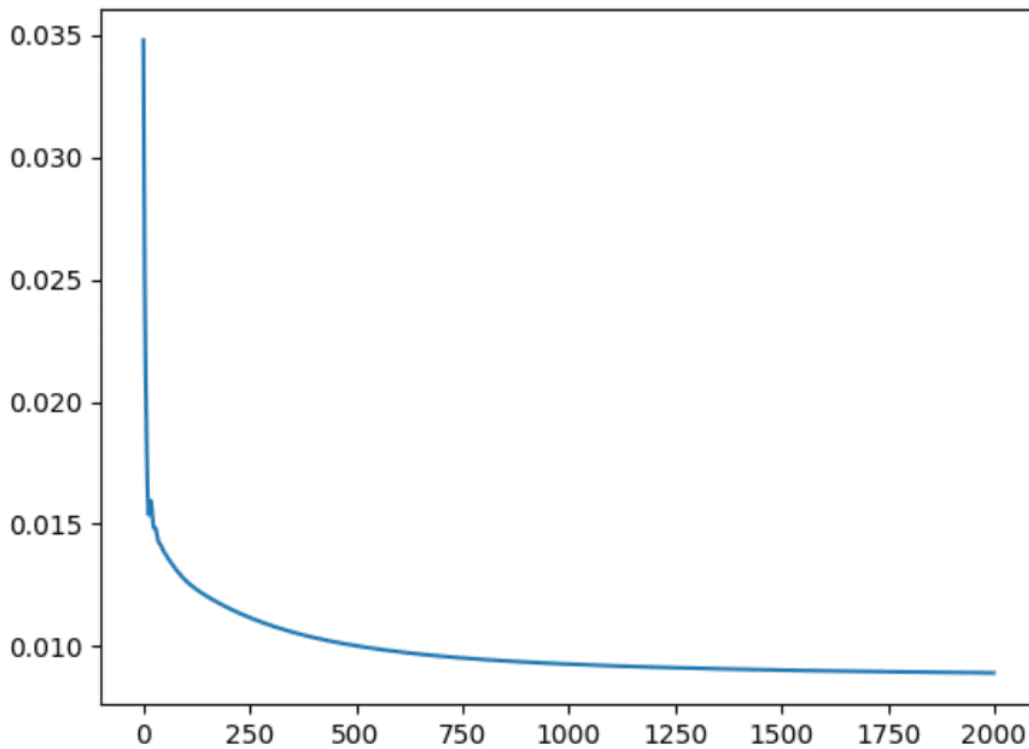# iris分类结果展示


```
In [15]: # 测试训练集准确率
         out = net.test(input)
         prediction = torch.max(out, 1)[1]
         pred_y = prediction.numpy()
         target_y = label.numpy()
         accuracy = float((pred_y == target_y).astype(int).sum()) / float(target_y.size)
         print("训练集准确率为", accuracy * 100, "%")

         训练集准确率为 92.5 %

In [16]: # 测试测试集准确率
         out1 = net.test(x_test)
         prediction1 = torch.max(out1, 1)[1]
         pred_y1 = prediction1.numpy()
         target_y1 = y_test.numpy()

         accuracy1 = float((pred_y1 == target_y1).astype(int).sum()) / float(target_y1.size)
         print("测试集准确率为", accuracy1 * 100, "%")

         测试集准确率为 90.0 %
```

Q&A

Q

1. 本次的问题属于监督学习还是无监督学习呢?
2. batch size又是多大呢?
3. 像本题这样的batch size是否适用于大数据集呢,原因是?

A

1. 监督学习
2. batch size = none 即一次把所有数据"投喂"
3. 不适用于大数据