In the code, the fashion mnist data is loaded ,visualized and noemalized.Then Mdl is trained and tested with th accuracy of 81.62%.Our task is to improve the overall acuuracy and other performance measures.  
  
**Performance Improvement**

|  |  |  |  |
| --- | --- | --- | --- |
| No of Layers | Learning Rate | No of Iterations | Accuracy |
| 5 | 0.001 | 1000 | 83.41% |
| 4 | 0.001 | 500 | 82.17% |
| 5 | 0.0001 | 1000 | 83.47% |
| 4 | 0.01 | 1000 | 82.47% |

Accuracy increased slightly. CNN will be better model for this kind of dataset.