Q1

2 Points

Implement 2 models with approximately the same number of parameters, (A) one narrower and deeper (e.g. hidden_layers=6, hidden_dim=1024) and (B) the other wider and shallower (e.g. hidden_layers=2, hidden_dim=1700). Report training/validation accuracies for both models.

Setting of Model A:

hidden_layers=6, hidden_dim=1024

Setting of Model B:

hidden_layers=2, hidden_dim=1700

(A) training accuracy:

0.479173

validation accuracy:

0.468804

(B) training accuracy:

0.486406

validation accuracy:

0.471259

Q2

2 Points

Add dropout layers, and report training/validation accuracies with dropout rates equal to (A) 0.25/(B) 0.5/(C) 0.75 respectively.

(A) training accuracy:

0.840971

validation accuracy:

0.752132

(B) training accuracy:

> 0.739174

validation accuracy:

> 0.754283

(C) training accuracy:

> 0.640265

validation accuracy:

> 0.697154

HW2

STUDENT
梁峻瑋

TOTAL POINTS
4 / 4 pts

QUESTION 1
(no title)   2 / 2 pts

QUESTION 2
(no title)   2 / 2 pts