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Dr. Dallal

ECE 1395

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1.a)

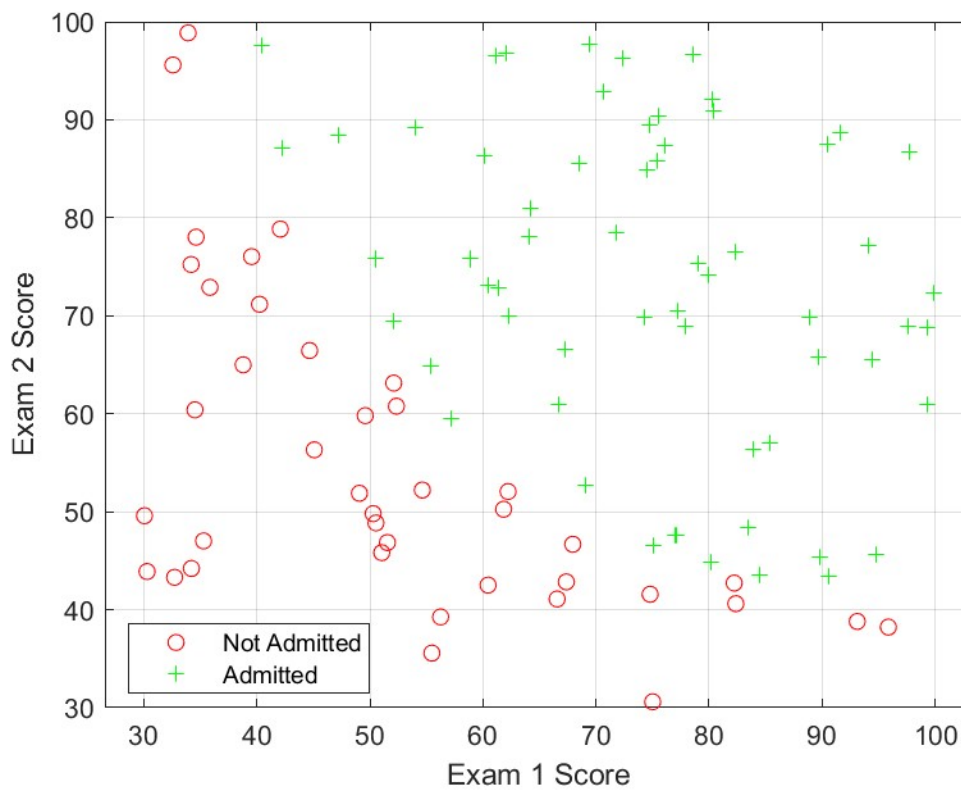
sizeFeature =

100 x 3

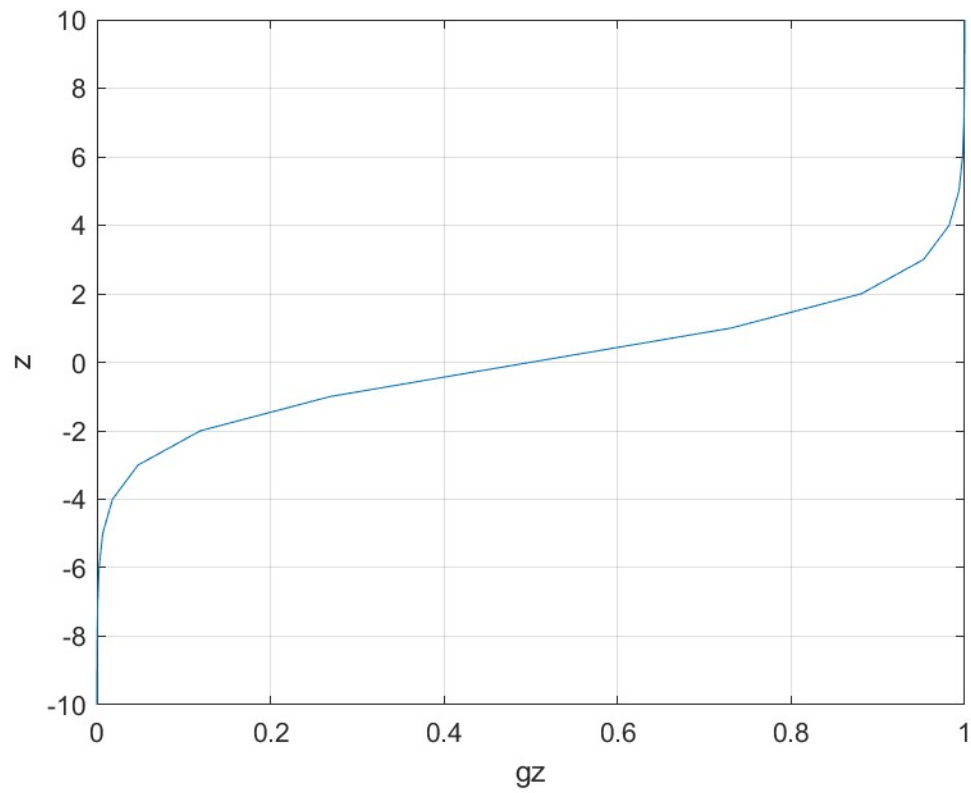
sizeLabel =

100 x 1

1.b) Figure ps3-1-b.png



1.d) Figure ps3-1-c.png



1.e)

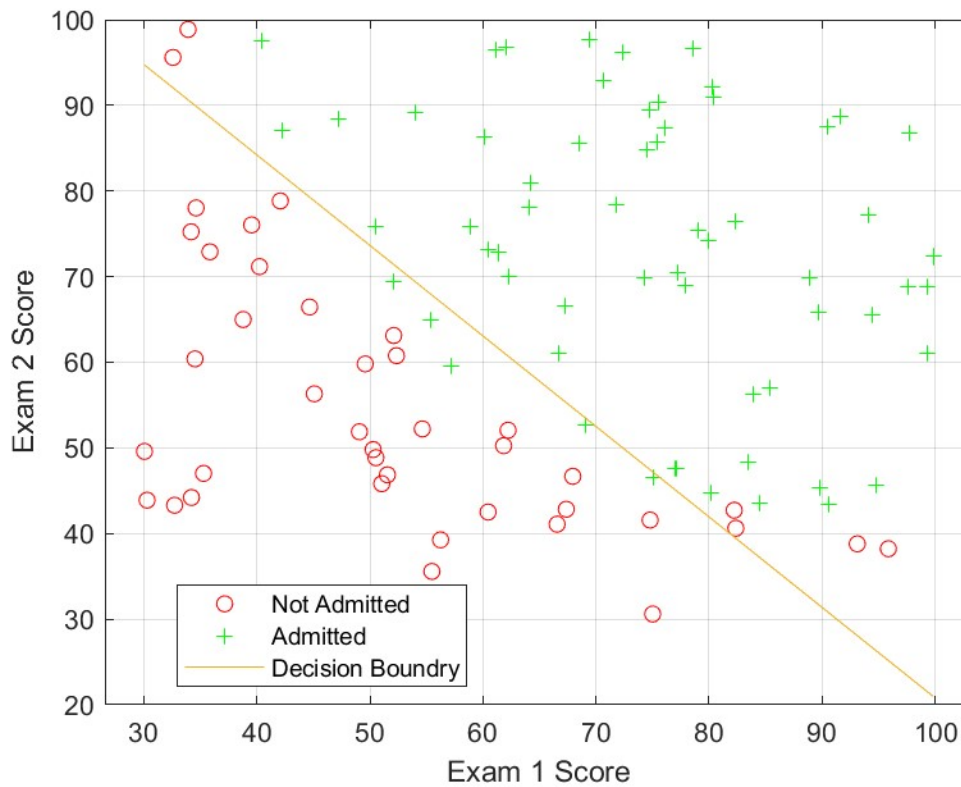
J =
0.6931

1.f)

theta =
-23.8263
0.1991
0.1884

cost =
0.2094

1.g) Figure ps3-1-f.png



1.h)

Accuracy = $89/100 = 89\%$

1.i)

prob =

0.5446

The admission decision should be **admitted**.

2.a)

theta =

$1.0e+05 *$

2.1879

-0.0077

0.0001

2.b) Figure ps3-2-b.png

