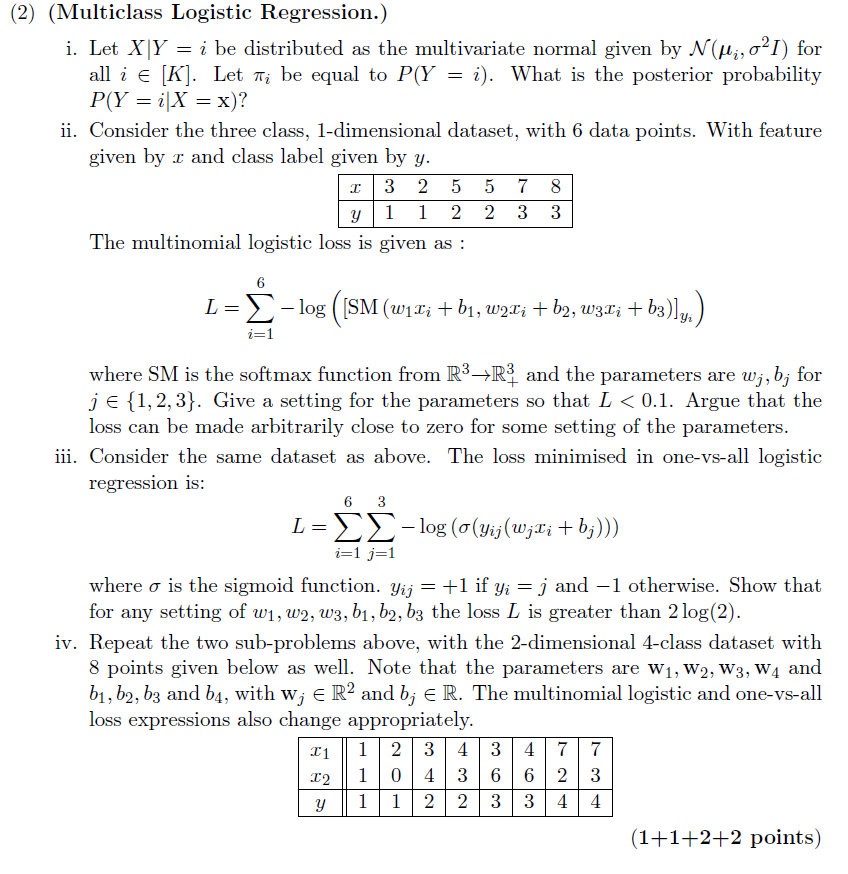
Text

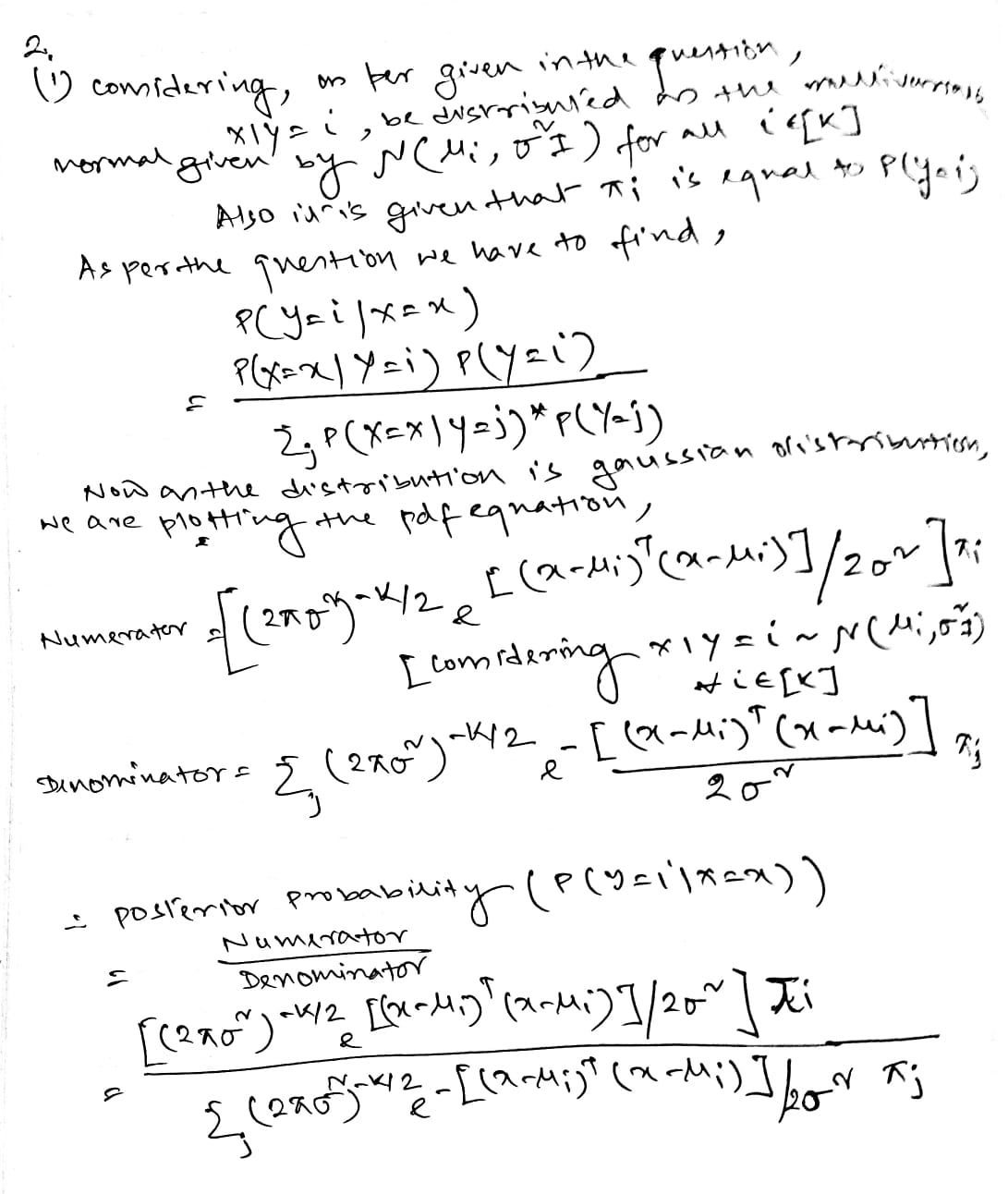
Description automatically generated with medium confidence

Note: Scanned copy of hand written text has been attached and mobile image is placed in zip folder. In case of any hazy or dark shade of scan copy image is found refer to mobile image.



Ans.





Text, letter

Description automatically generated

Text, letter

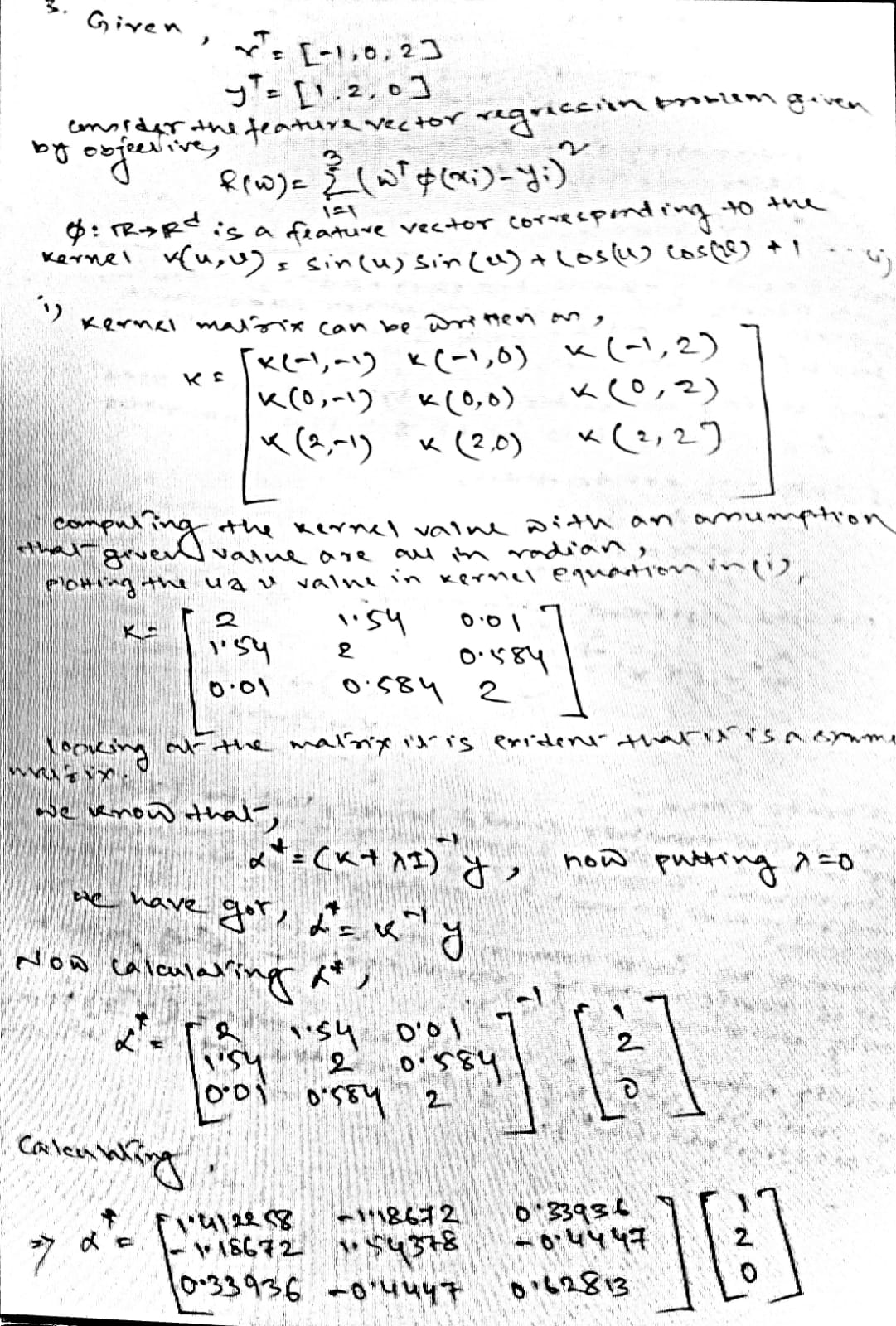
Description automatically generated

Text

Description automatically generated

Ans.





Text, letter

Description automatically generated

Text, table

Description automatically generated

Text

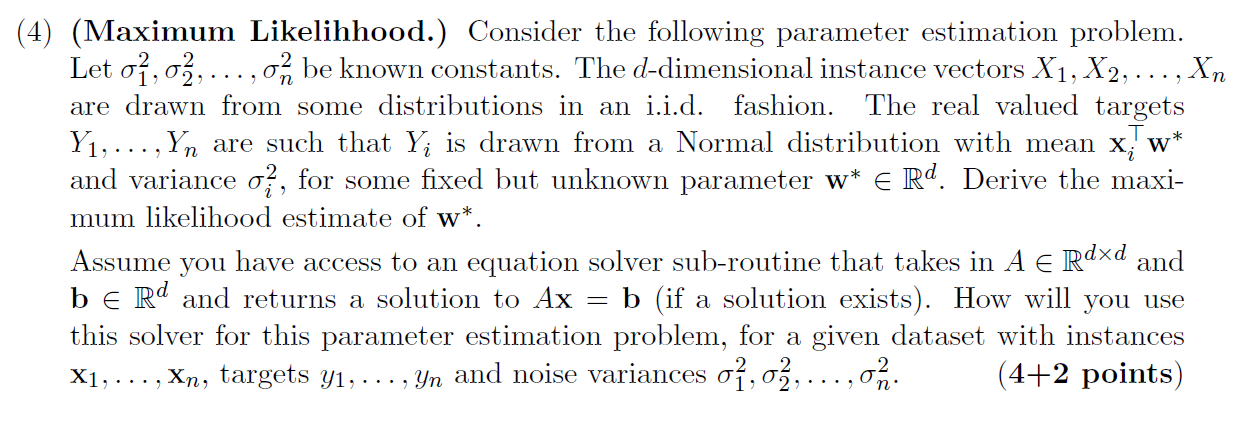
Description automatically generated

Text, letter

Description automatically generated

Diagram

Description automatically generated



Ans.



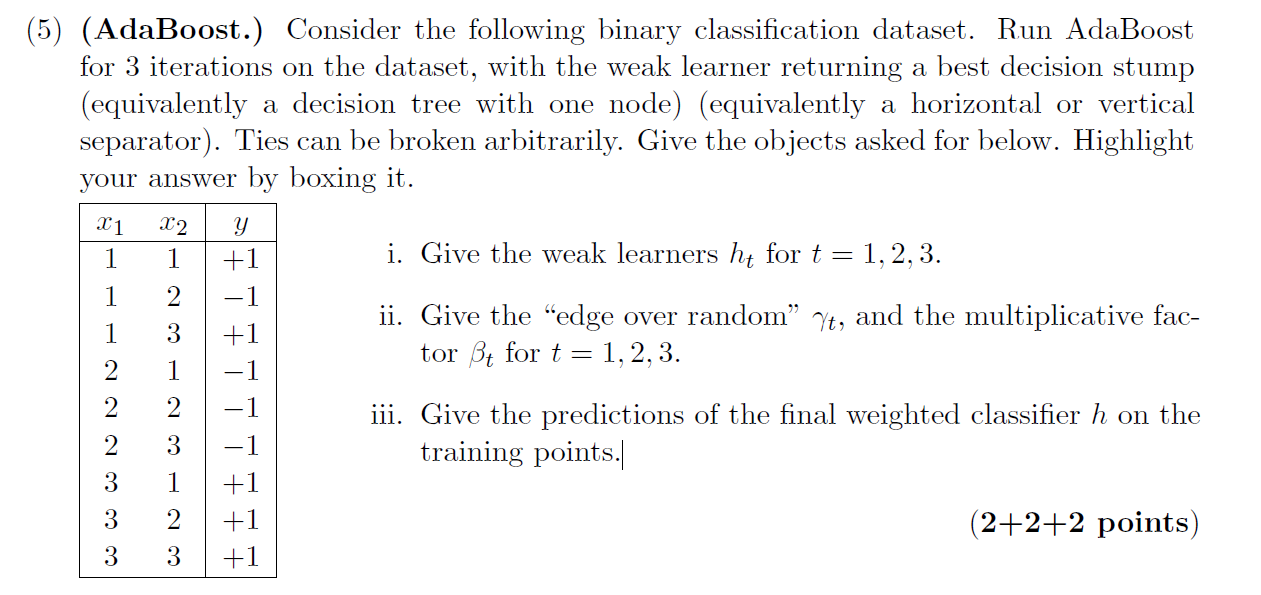
Considering the dot product is symmetric in nature,  will yield approximately same result as . Only things to keep in mind is that the orientation of feature and datapoint will move from column to row and vice versa.

Text, letter

Description automatically generated

Text, letter

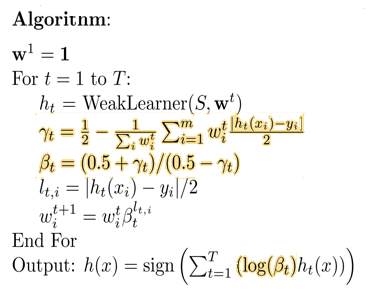
Description automatically generated



Ans.

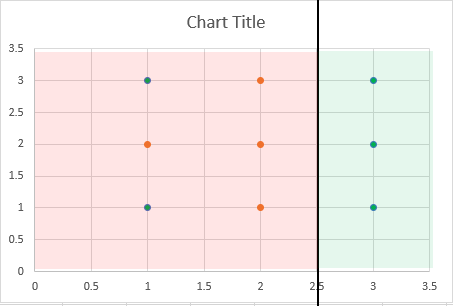


Copying the Adaboost algorithm for reference of calculation,



Begin the iteration for t =1, 2 and 3. Graphs are plotted, and corresponding table is shown in below,

Iteration 1:



Text, letter

Description automatically generated

Iteration 2:

Chart, scatter chart

Description automatically generated

Table

Description automatically generated

Iteration 3:

Chart, scatter chart, bubble chart

Description automatically generated

Text, table

Description automatically generated

A picture containing table

Description automatically generated

Calendar

Description automatically generated with medium confidence

Ans.



Text, letter

Description automatically generated

Text, letter

Description automatically generated

Text, letter

Description automatically generated

Text, letter

Description automatically generated