

Date:

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Subject: Applied Machine Learning

Solution: Given we have

eight points,

$A_1 (2, 10)$

$A_2 (2, 5)$

$A_3 (8, 4)$

$A_4 (5, 8)$

$A_5 (7, 5)$

$A_6 (6, 4)$

$A_7 (1, 2)$

$A_8 (4, 9)$

Our Initial Centroids are,

$A_1 (2, 10) \leftarrow$

$A_4 (5, 8) \leftarrow$

$A_7 (1, 2) \leftarrow$



