

Applied and Computational Mathematics

Data Mining 625.740

Module 3 Example Problems

Mike Weisman

email: data.mining.625.740@gmail.com



JOHNS HOPKINS WHITING SCHOOL of ENGINEERING

Applied and Computational Mathematics

Data Mining 625.740

Module 3 Example Problems

$$\mu_1 = \begin{pmatrix} -1 \\ 0 \end{pmatrix}, \quad \Sigma_1 = \begin{pmatrix} 2 & 0 \\ 0 & 2 \end{pmatrix}$$
 $\mu_2 = \begin{pmatrix} 1 \\ 0 \end{pmatrix}, \quad \Sigma_2 = \begin{pmatrix} 2 & 0 \\ 0 & 2 \end{pmatrix}$

$$\mu_1 = \begin{pmatrix} -1 \\ 0 \end{pmatrix}, \quad \Sigma_1 = \begin{pmatrix} 5 & 3 \\ 3 & 5 \end{pmatrix}$$
 $\mu_2 = \begin{pmatrix} 1 \\ 0 \end{pmatrix}, \quad \Sigma_2 = \begin{pmatrix} 5 & 3 \\ 3 & 5 \end{pmatrix}$

$$\mu_1 = \begin{pmatrix} -1 \\ 0 \end{pmatrix}, \quad \Sigma_1 = \begin{pmatrix} 2 & 0 \\ 0 & 2 \end{pmatrix}$$
 $\mu_2 = \begin{pmatrix} 1 \\ 0 \end{pmatrix}, \quad \Sigma_2 = \begin{pmatrix} 1 & 0 \\ 0 & 1 \end{pmatrix}$

$$\mu_1 = \begin{pmatrix} -1 \\ 0 \end{pmatrix}, \quad \Sigma_1 = \begin{pmatrix} 2 & 0 \\ 0 & 2 \end{pmatrix}, \quad \mu_2 = \begin{pmatrix} & 1 \\ & 0 \end{pmatrix}, \quad \Sigma_2 = \begin{pmatrix} 2 & 0 \\ 0 & 2 \end{pmatrix}$$

M. Weisman (JHU EP ACM)

Data Mining

$$\mu_1 = \begin{pmatrix} -1 \\ 0 \end{pmatrix}, \quad \Sigma_1 = \begin{pmatrix} 5 & 3 \\ 3 & 5 \end{pmatrix}, \quad \mu_2 = \begin{pmatrix} & 1 \\ & 0 \end{pmatrix}, \quad \Sigma_2 = \begin{pmatrix} 5 & 3 \\ 3 & 5 \end{pmatrix}$$

M. Weisman (JHU EP ACM)
Data Mining

$$\mu_1 = \begin{pmatrix} -1 \\ 0 \end{pmatrix}, \quad \Sigma_1 = \begin{pmatrix} 2 & 0 \\ 0 & 2 \end{pmatrix}, \quad \mu_2 = \begin{pmatrix} & 1 \\ & 0 \end{pmatrix}, \quad \Sigma_2 = \begin{pmatrix} 1 & 0 \\ 0 & 1 \end{pmatrix}$$

M. Weisman (JHU EP ACM)

Data Mining

JOHNS HOPKINS WHITING SCHOOL of ENGINEERING

Applied and Computational Mathematics

Data Mining 625.740

Module 3 Example Problems