



## 4.8 Quadratic Discriminant Analysis

<u>Course</u> > <u>Ch4 Classification</u> > <u>and Naive Bayes</u> > 4.8 Review Questions

## 4.8 Review Questions

## 4.8.R1

1/1 point (graded)

Which of the following statements best explains the relationship between

Quadratic Discrimir each class?	nant Analysis and naive Bayes with Gaussian distributions in
Quadratic Disc naive Bayes	criminant Analysis is a more flexible class of models than
Quadratic Dise Bayes	criminant Analysis is a less flexible class of models than naive
Quadratic Disc to naive Bayes	criminant Analysis is an equivalently flexible class of models
	olems Quadratic Discriminant Analysis is more flexible than or others the opposite is true.
Analysis with the ac	ibutions, naive Bayes is equivalent to Quadratic Discriminant dditional requirement that each class covariance matrix $\Sigma_k$ be adratic Discriminant Analysis is more flexible.
<b>a</b> Answers are d	isplayed within the problem