

### Practice quiz: Bias and varianter Sero

Graded Quiz • 30 min

**Due** Feb 12, 11:59 PM EET

# Eltem Navigation Congratulations! You passed!

**Grade received 100%** 

## Practicesquizsi Biasa mowariance

Quiz • 30 Topass 80% or higher

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Submit your assignment

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#### Try again

1. 1/1 point

### Diagnosing bias and variance

How do you tell if your algorithm has a bias or variance problem? 🖸 Re High bias (underfit) J<sub>train</sub> will be high To Pass  $(J_{train} \approx J_{cv})$  $(\overrightarrow{\mathbf{w}}, b)$ underfit high low Your g variance variance J<sub>train</sub> may be be low 100° High bias and high variance  $\rightarrow J_{train}$  will be high 4 and  $J_{cv} \gg J_{train}$  $train(\overrightarrow{\mathbf{w}}, b)$ 

We keep your highest score

View нееараск

If the model's cross validation error  $J_{cv}$  is much higher than the training error

 $J_{train}$ , this is an indication that the model has...

degree of polynomial

- 占 Like
- √ Dislike
- Report an issue
- ( ) Low variance
- high variance
- O Low bias
- high bias

