

# example

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*example description*

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## Contents

<b>1</b>	<b>ReadMe</b>	<b>2</b>
<b>2</b>	<b>Quiz</b>	<b>2</b>
2.1	Your model performs well on the training data but the validation error is high. This might indicate: . . . . .	2
2.2	In which case might acquiring more training data help . . . . .	2
2.3	How can we potentially fix high bias? . . . . .	2
2.4	How can we potentially fix high variance . . . . .	2
2.5	Logistic regression is a . . . . .	2
2.6	L1 regularization favours . . . . .	2
2.7	How many parameters does a logistic regression model have where raw pixel values are used as input features for images of size $16 \times 16$ pixels? . . . . .	2
2.8	Convolutional filters are translation . . . . .	2

## 1 ReadMe

For main things mentioned about CNN go to [deep-learning/Notes/L01/lecture.pdf](#)

## 2 Quiz

**2.1 Your model performs well on the training data but the validation error is high. This might indicate:**

- High bias
- **High variance**

**2.2 In which case might acquiring more training data help**

- High bias
- **High variance**

**2.3 How can we potentially fix high bias?**

- Add features
- **Remove features**

**2.4 How can we potentially fix high variance**

- **Increase regularization**
- Decrease regularization

**2.5 Logistic regression is a**

- **Linear model**
- Non-linear model

**2.6 L1 regularization favours**

- Small coefficients
- **Few non-zero coefficients**

**2.7 How many parameters does a logistic regression model have where raw pixel values are used as input features for images of size  $16 \times 16$  pixels?**

257

**2.8 Convolutional filters are translation**

- Invariant
- **Equivariant**