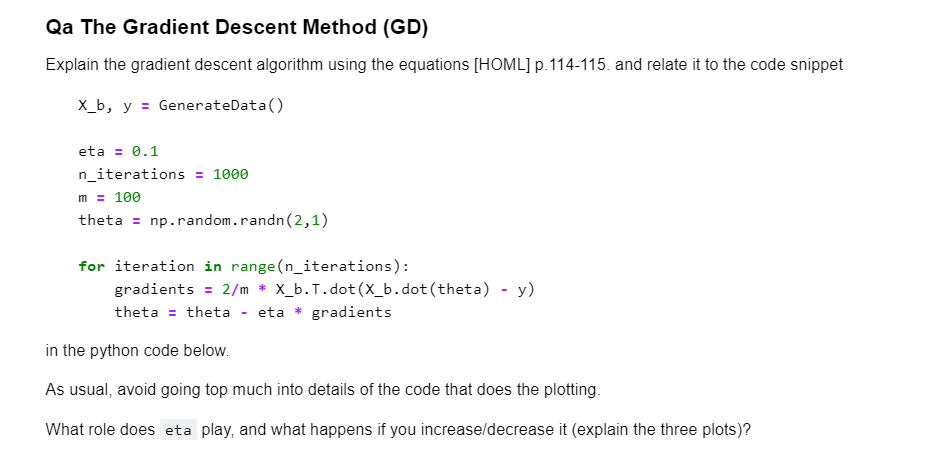
ITMAL

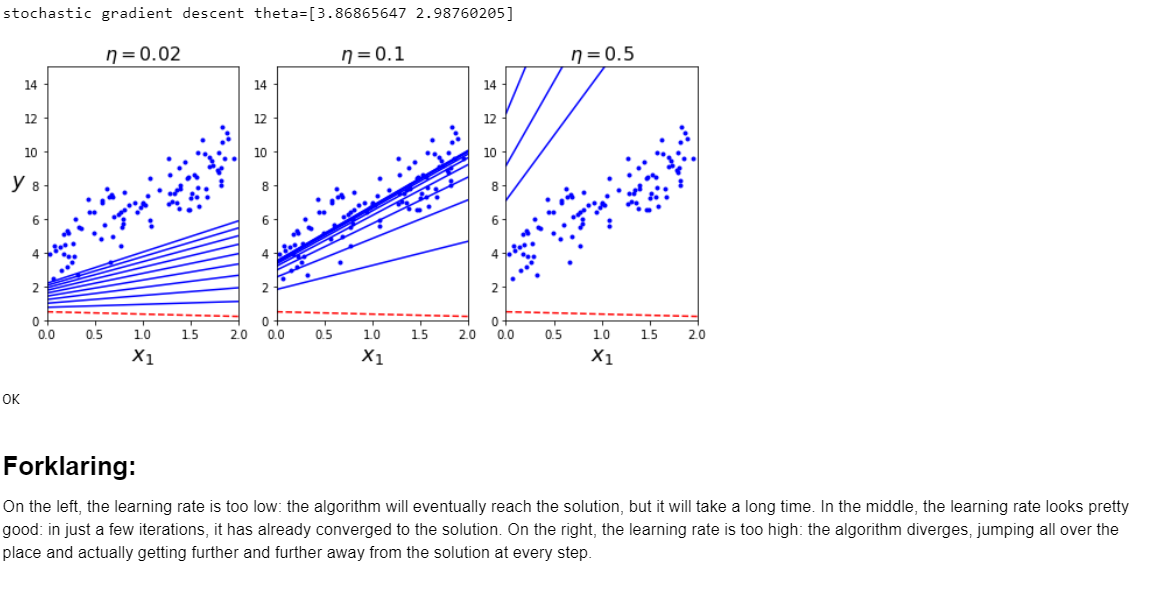
Hand-in: Journal 2

Af Gruppe 12

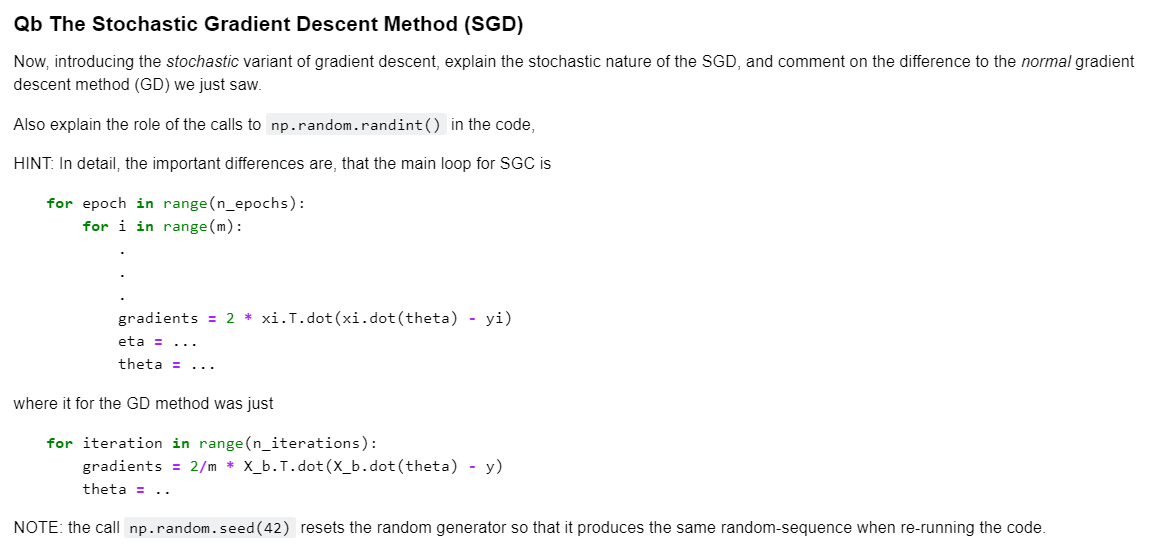
Gradient descent

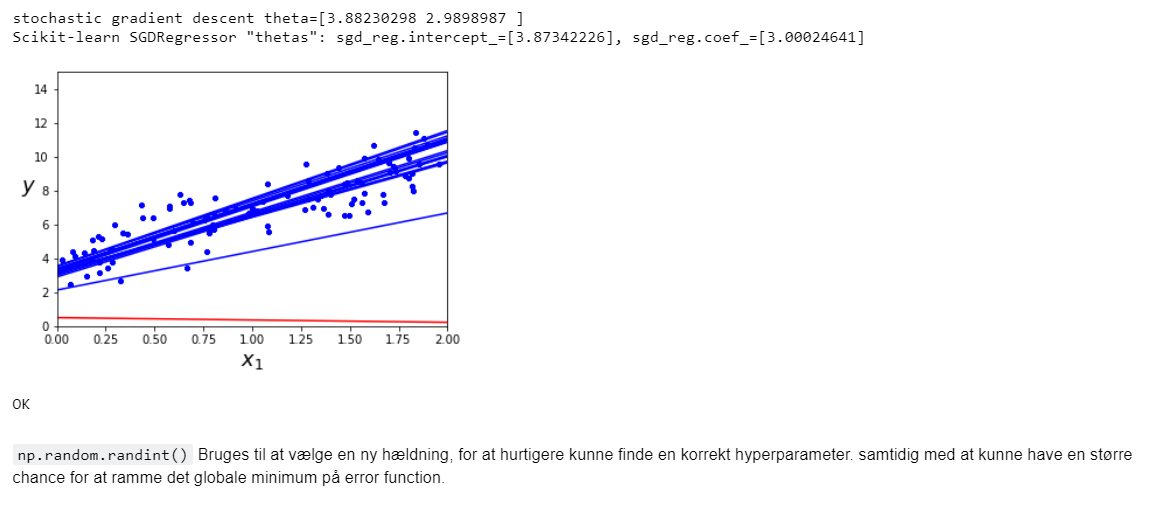
## Qa:



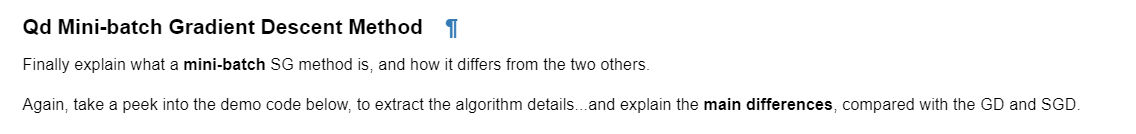


## Qb:





## Qd:

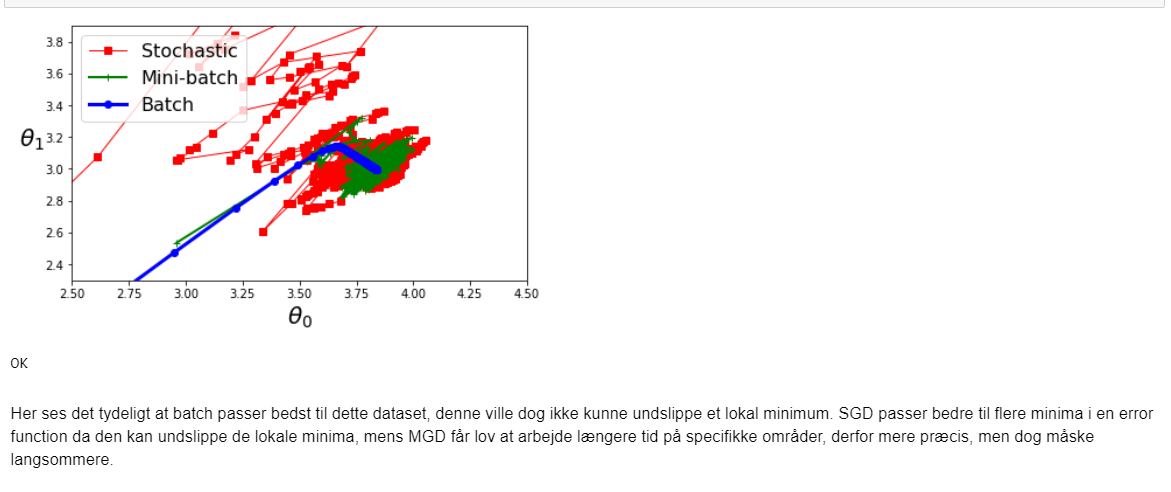


### Forklaring:



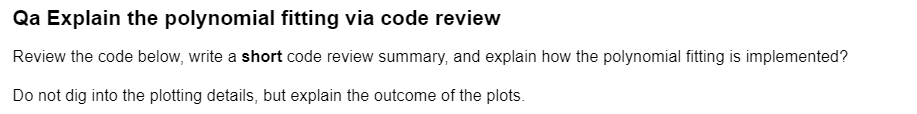
## Qe:

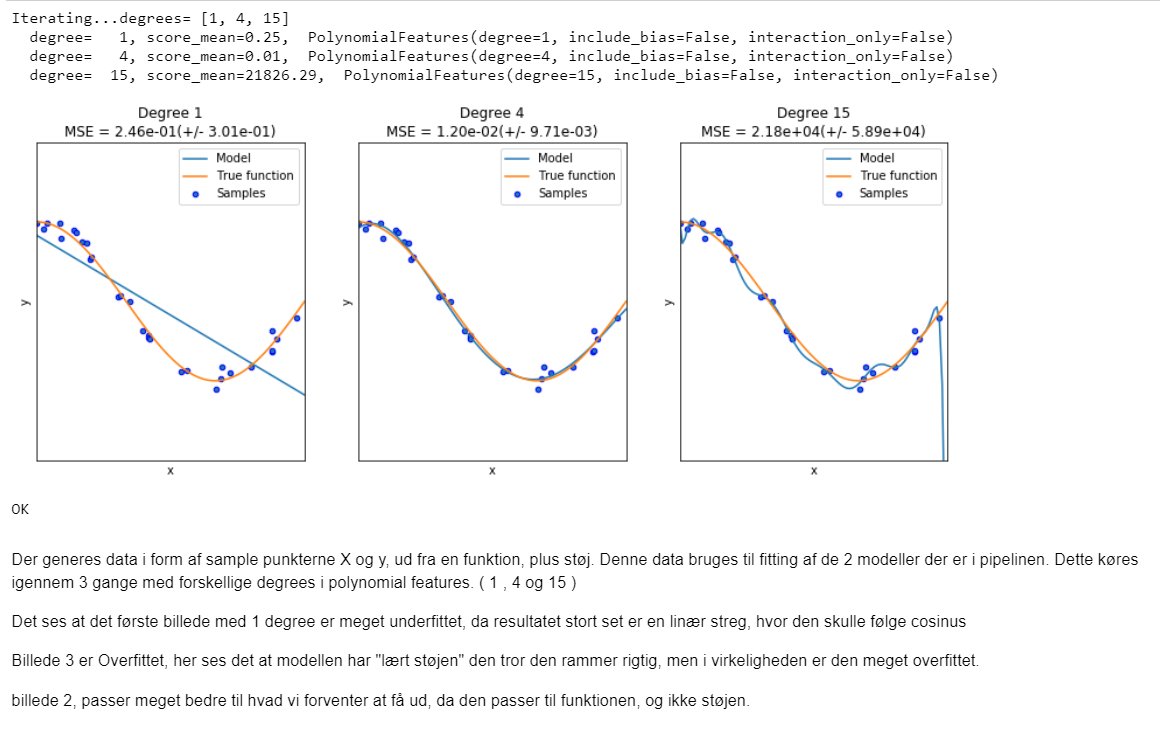




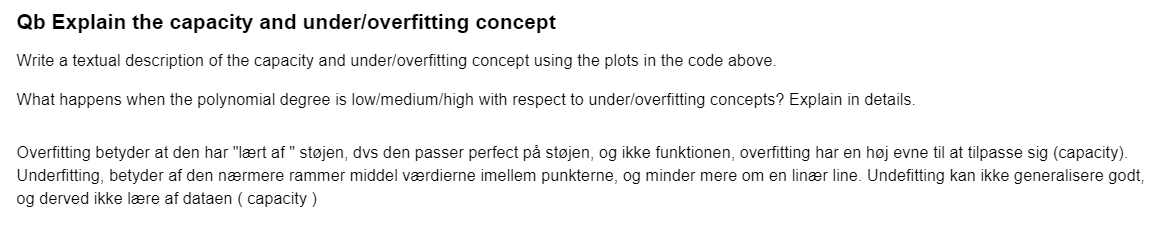
# Capacity under overfitting

## Qa:



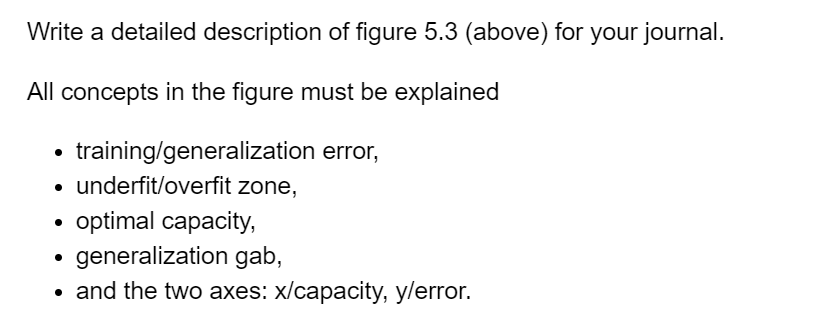


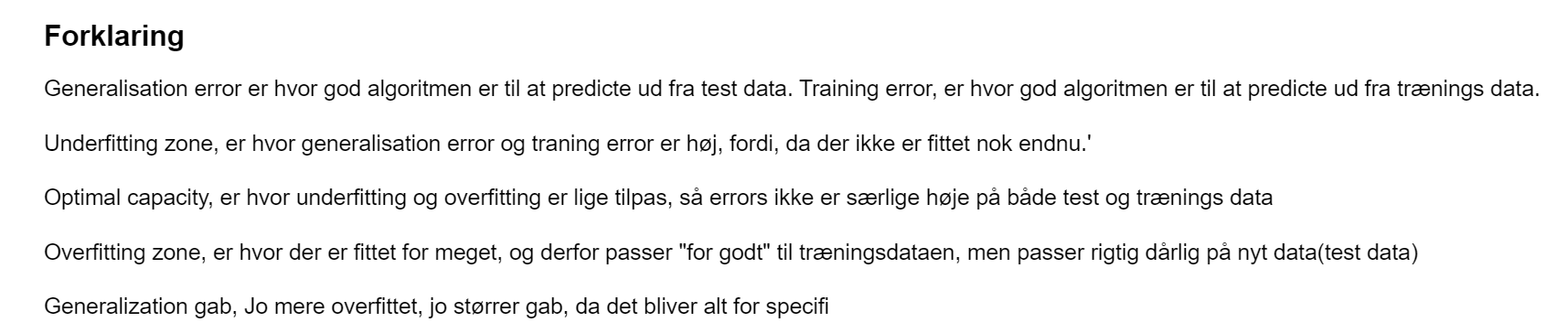
## Qb:



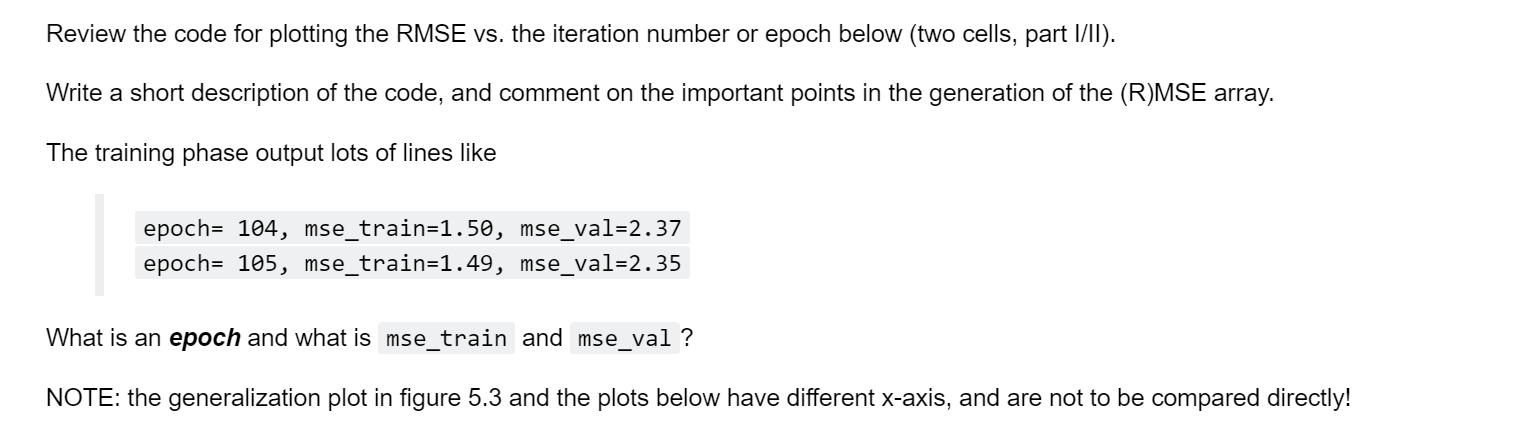
# Generalization error

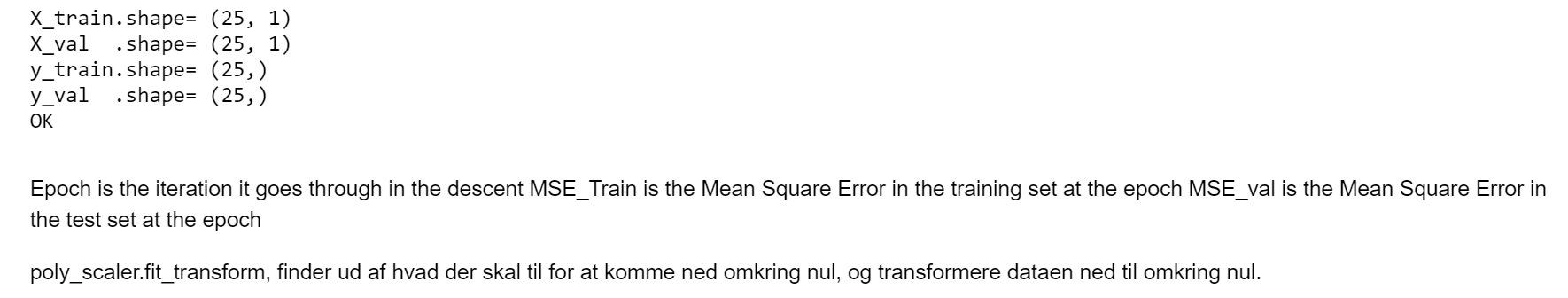
## Qa:



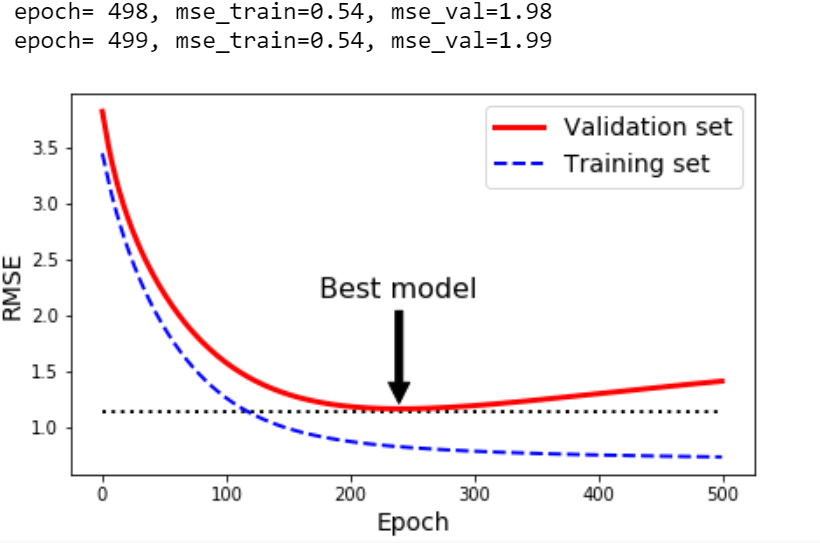


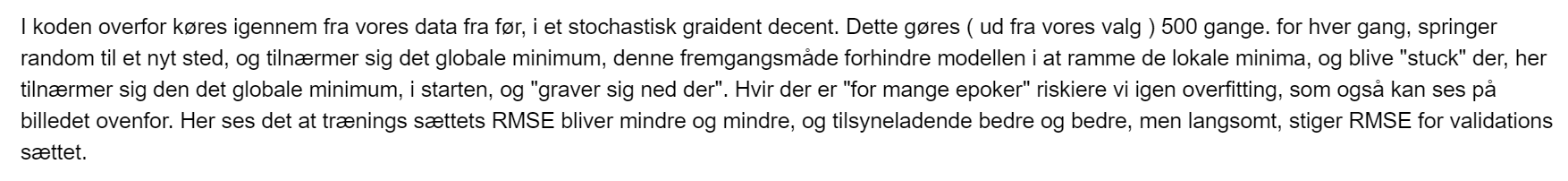
## Qb:



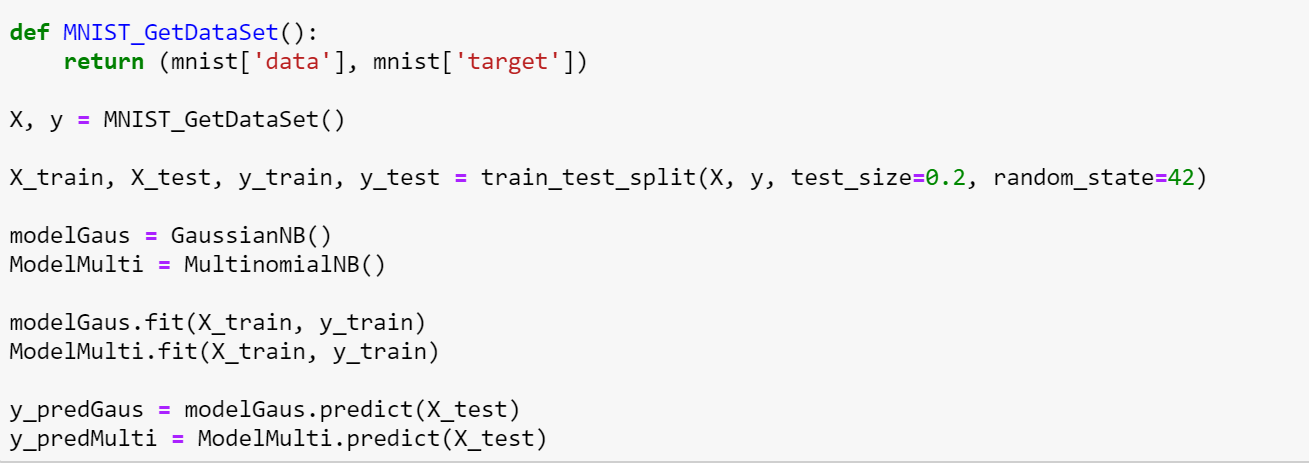


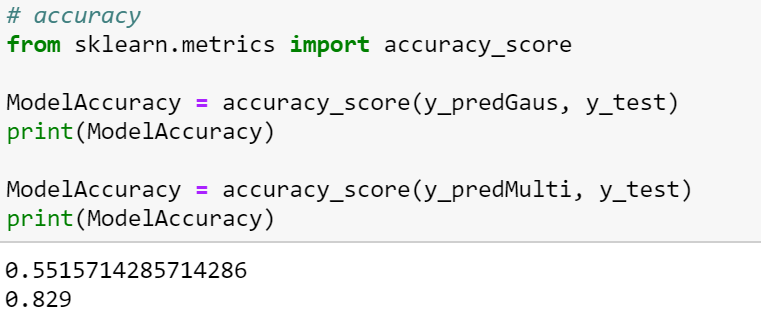
## Qb part II:

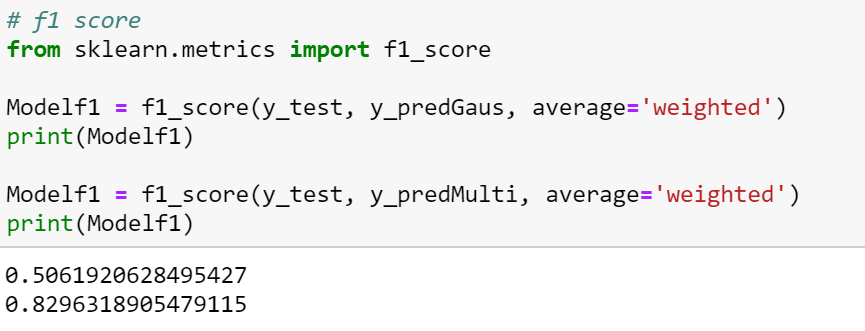


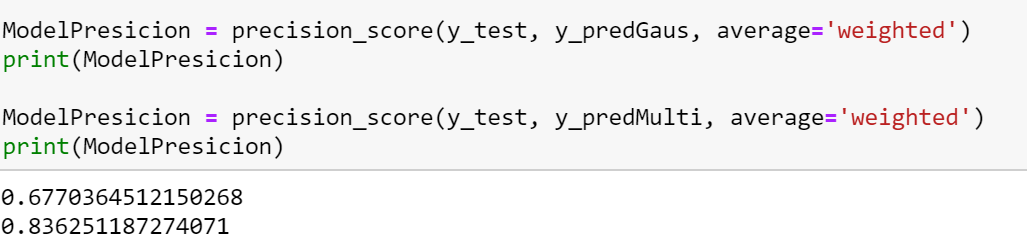


# Naïve Bayes



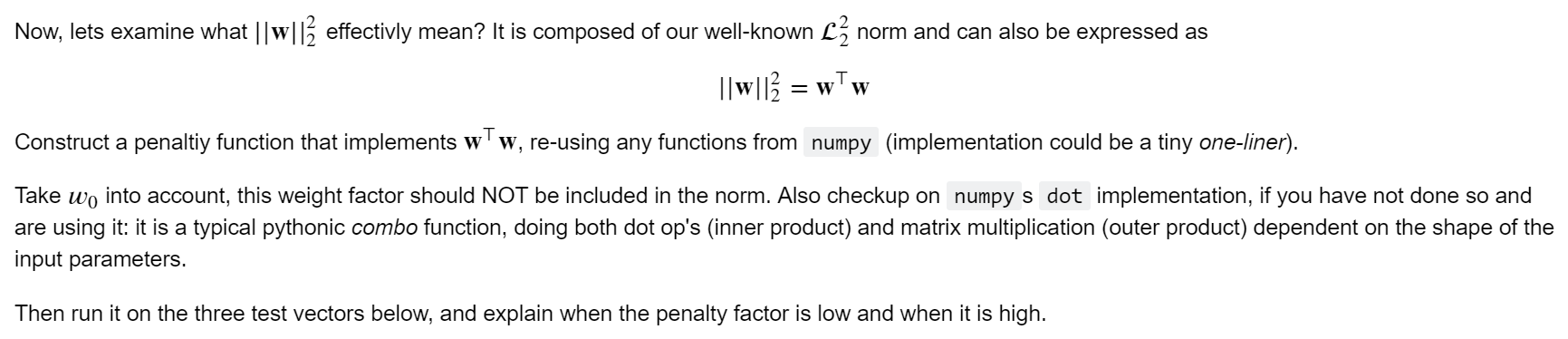


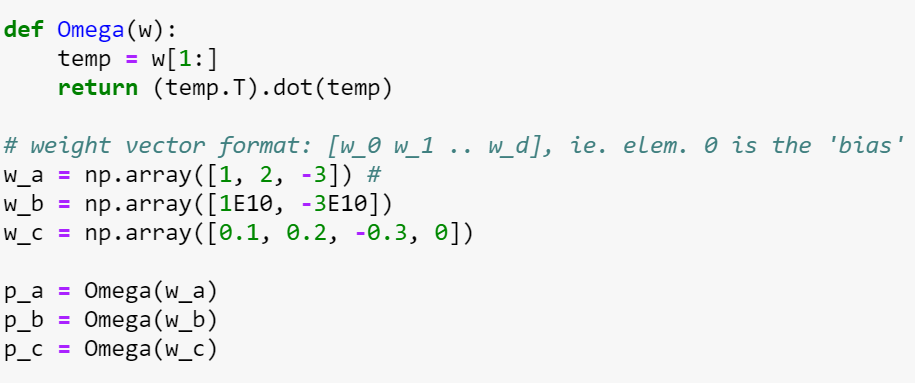


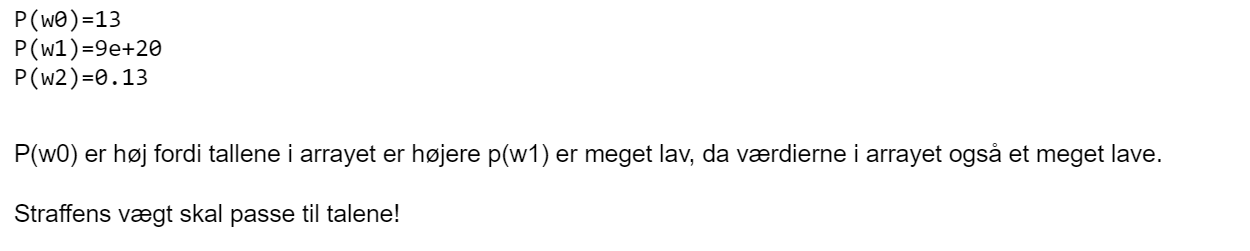


# Regulizers

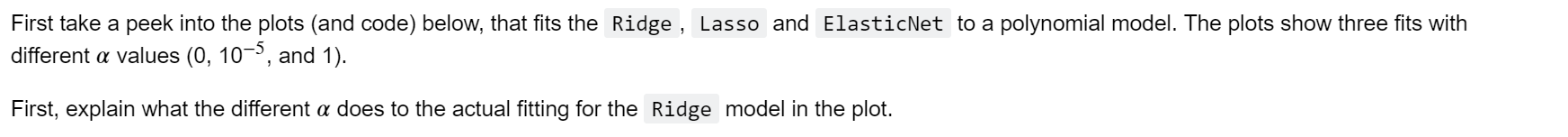
## Qa:

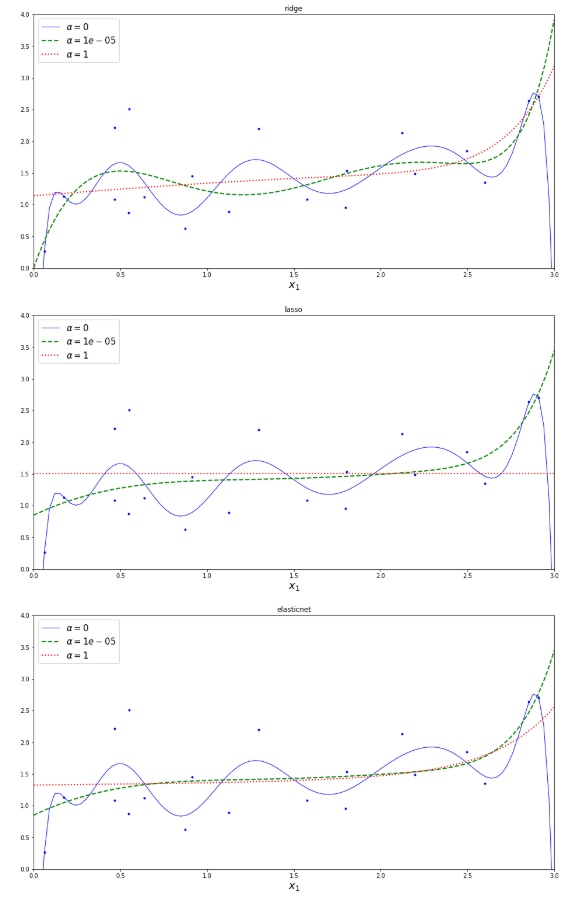


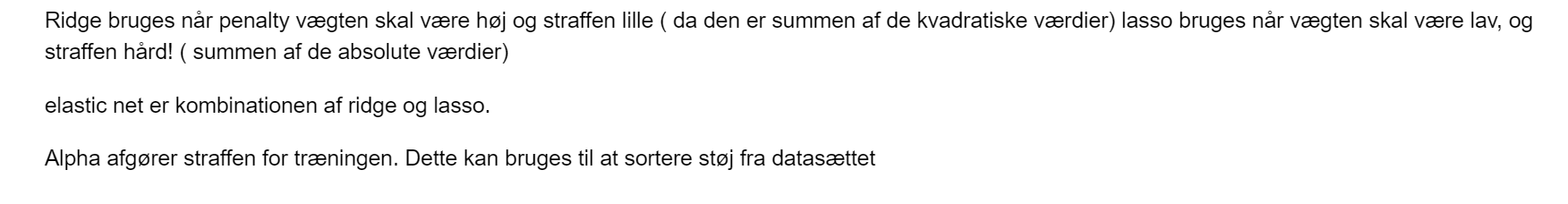




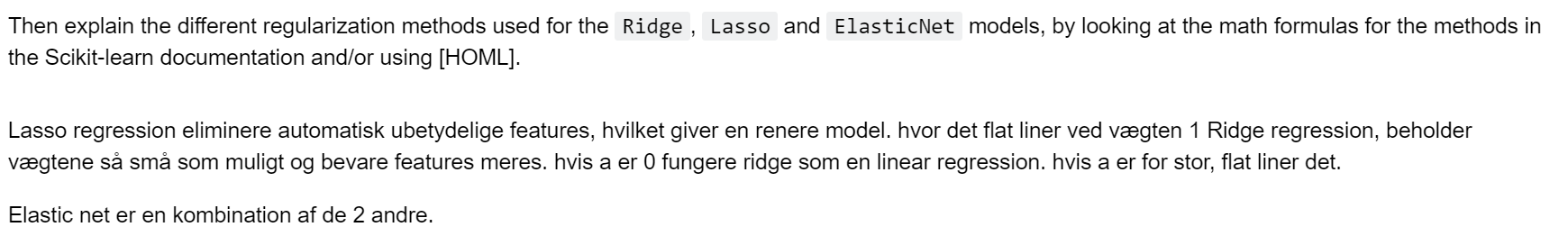
## Qb:



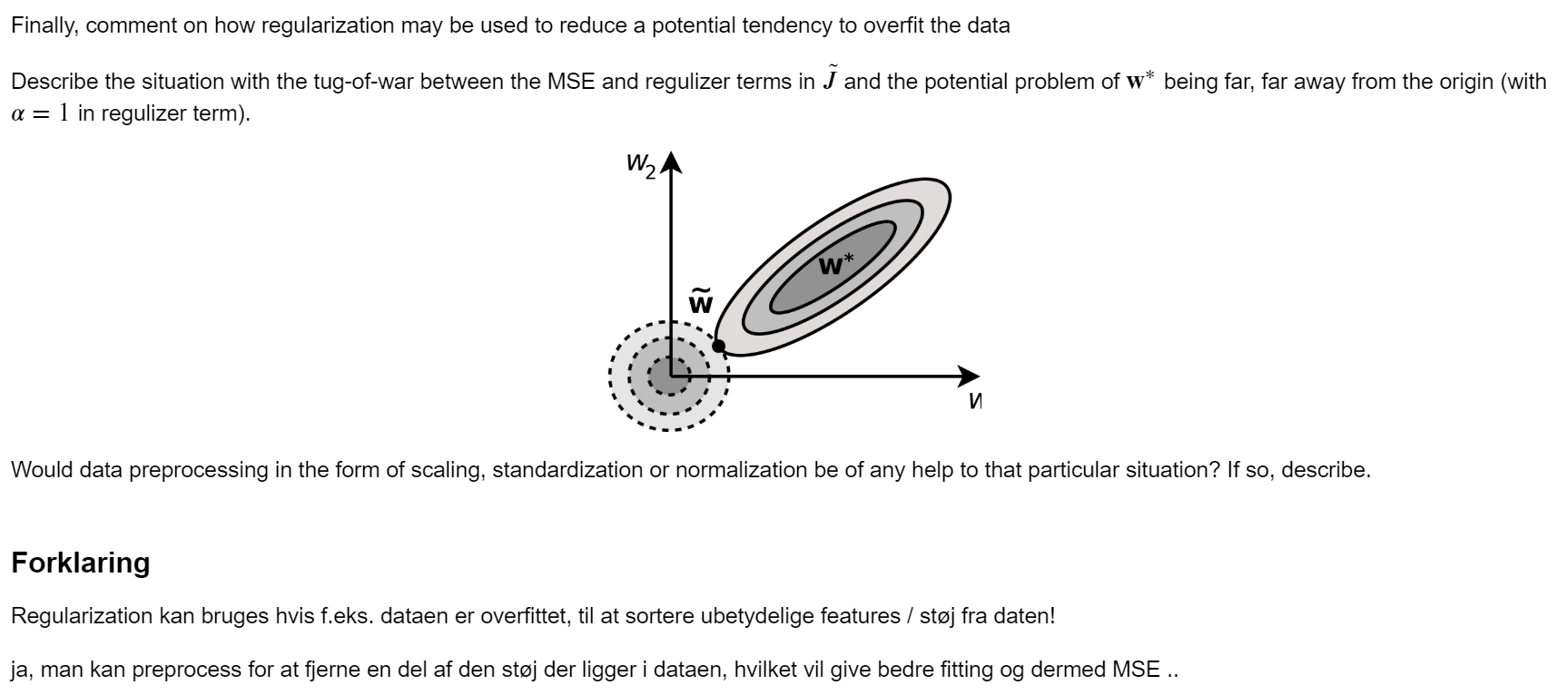




## Qc:

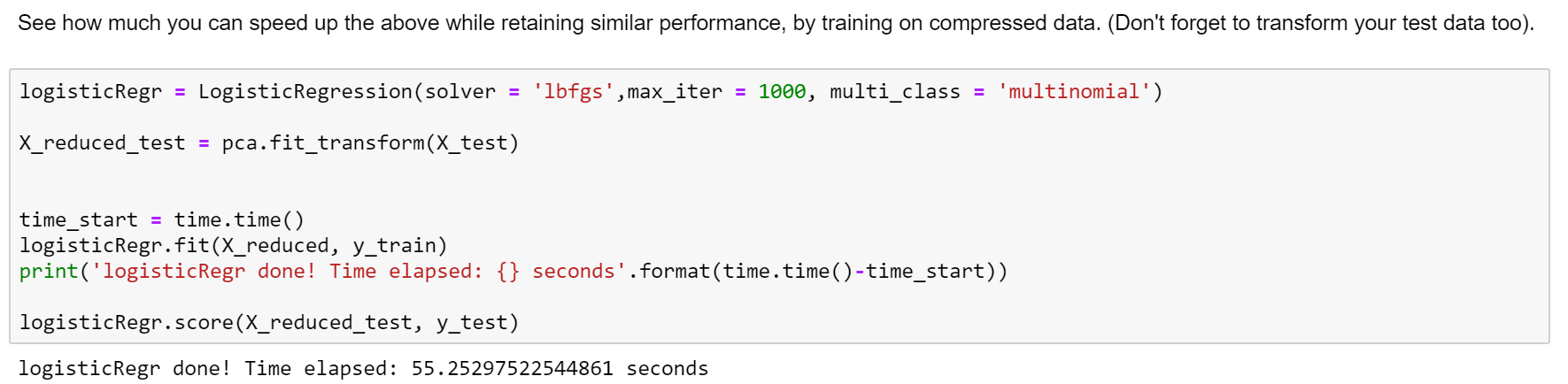


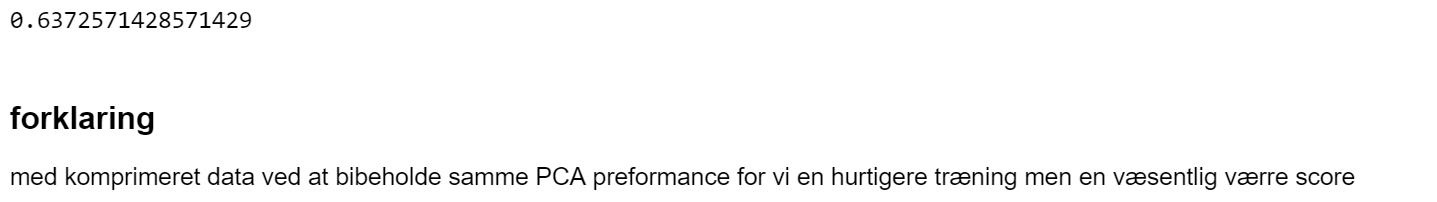
## Qd:



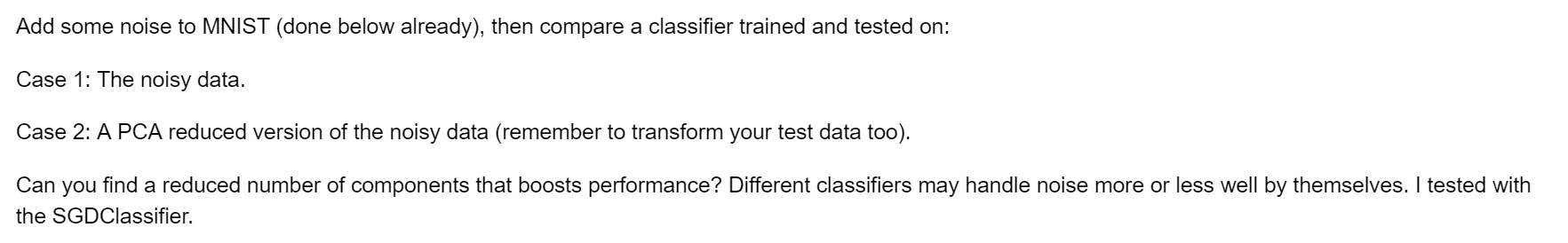
# Gridsearch

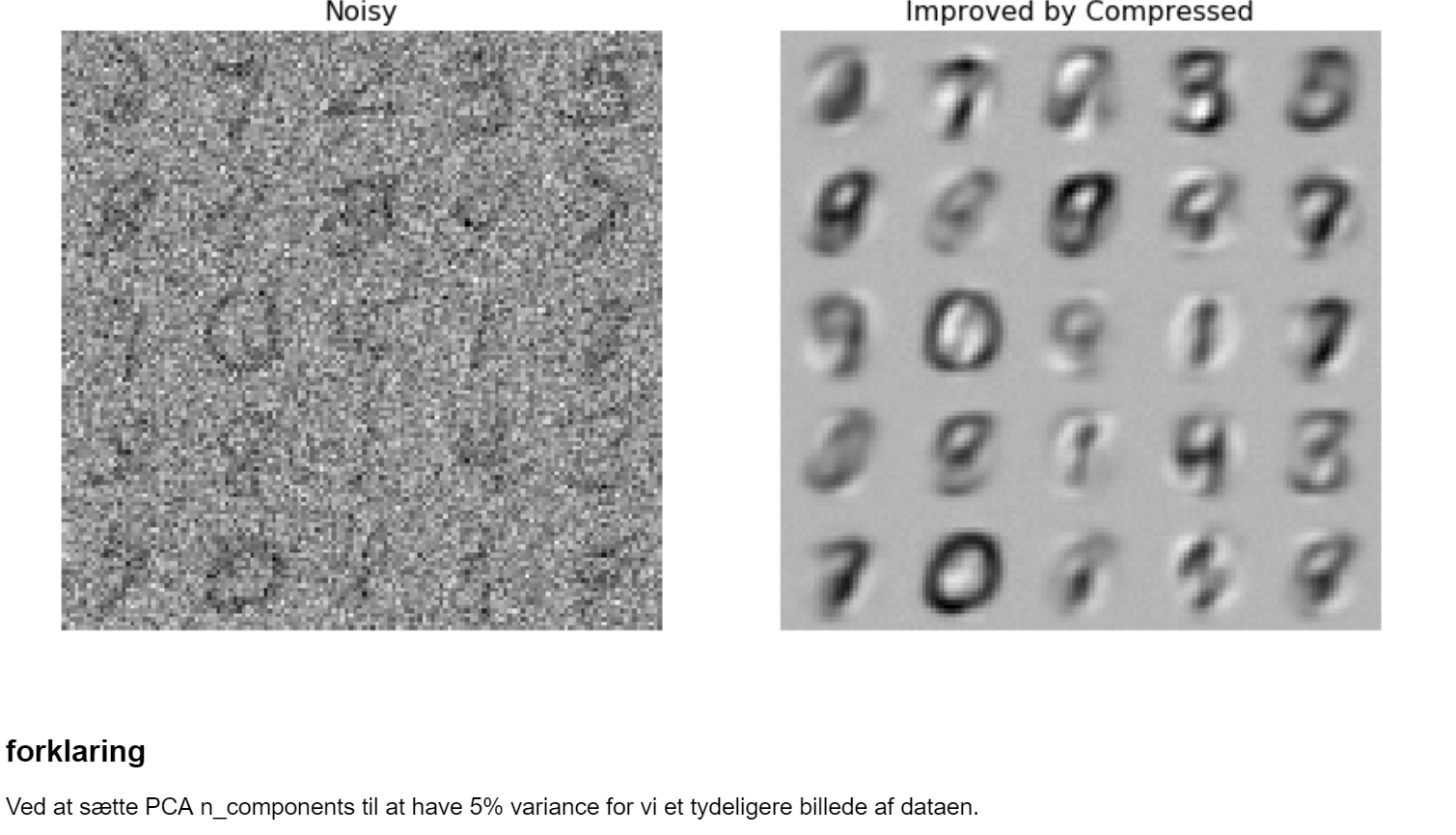
# Speed up by compression

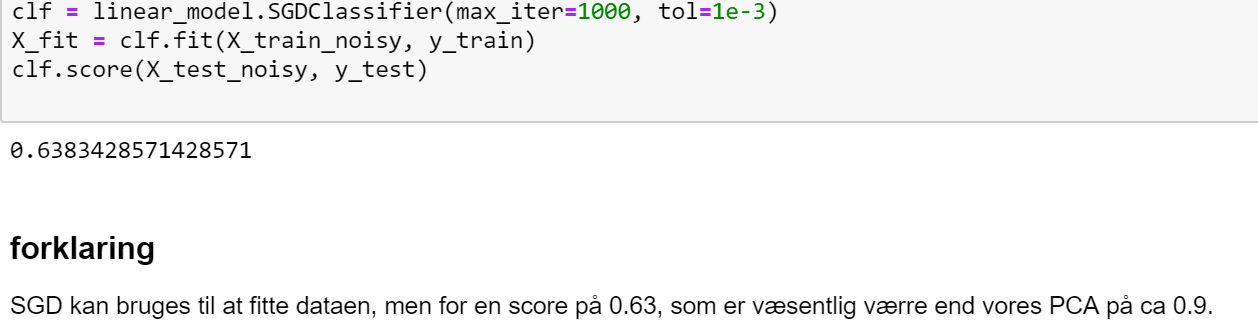




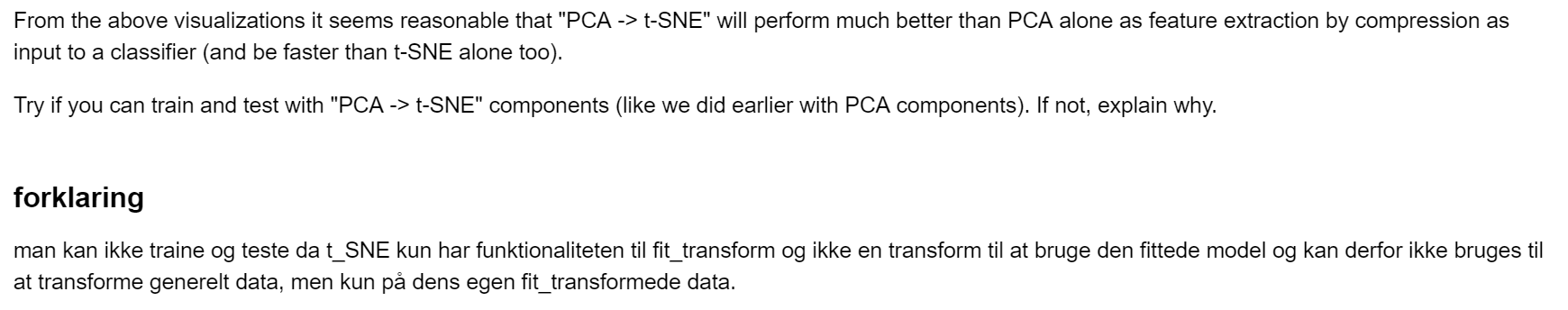
# Noise reduction





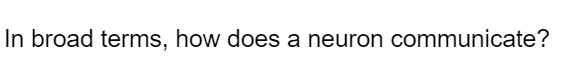


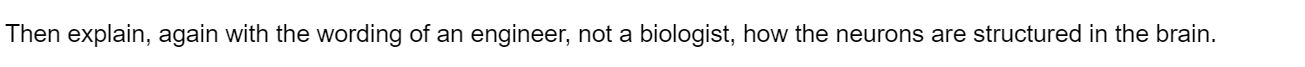
# PCA -> t-SNE features

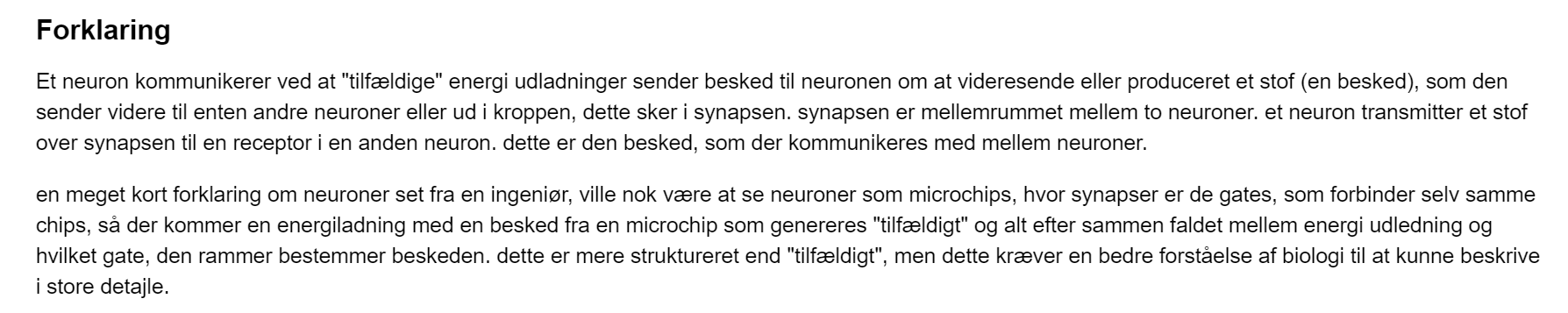


# Neurons

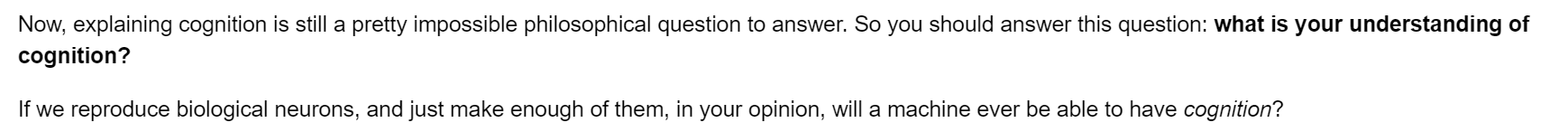
## Qa:

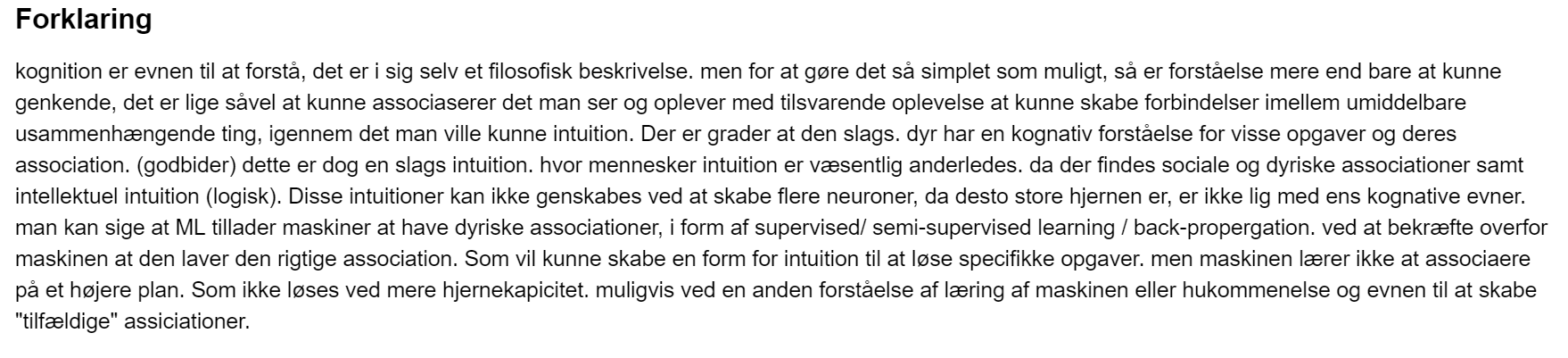






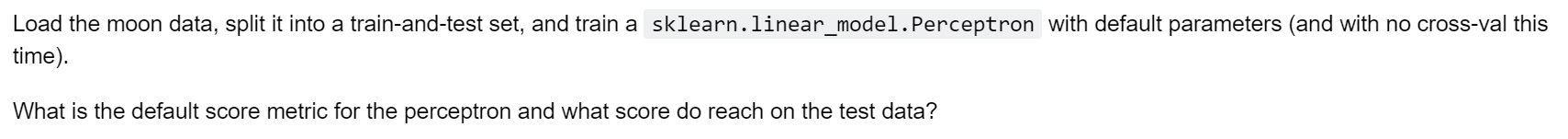
## Qb:

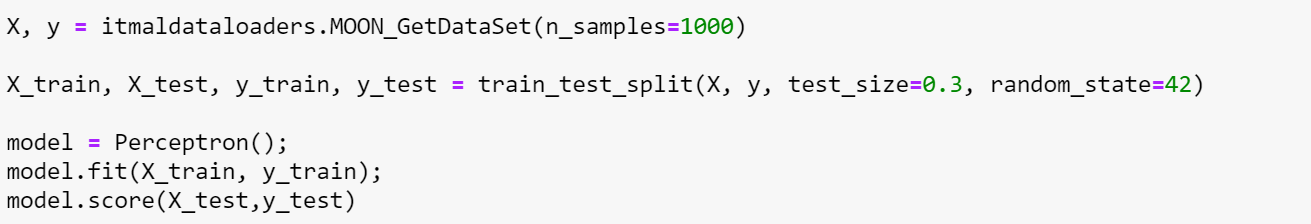


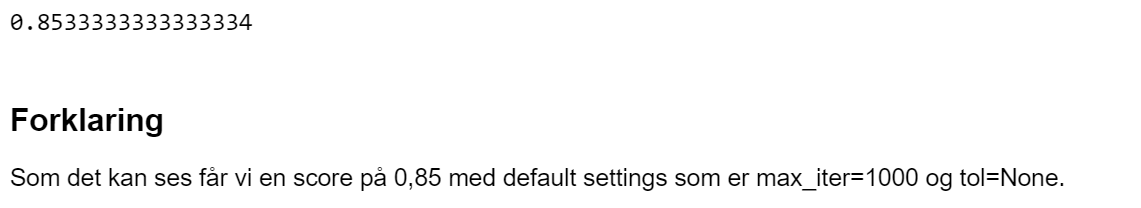


# Perceptron

## Qa:

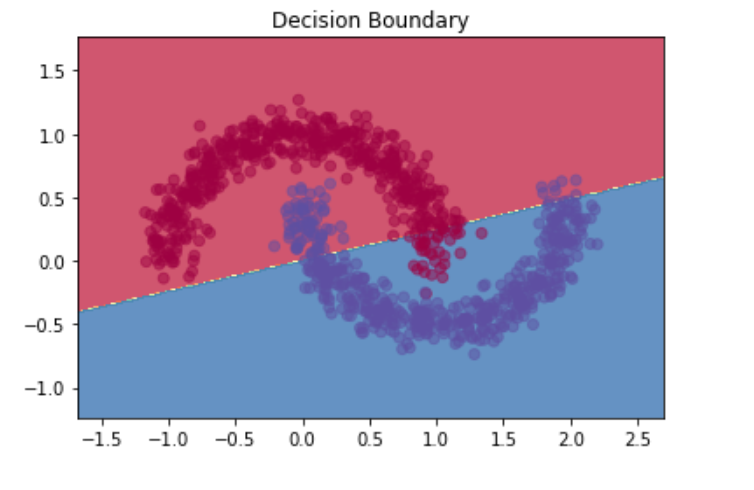




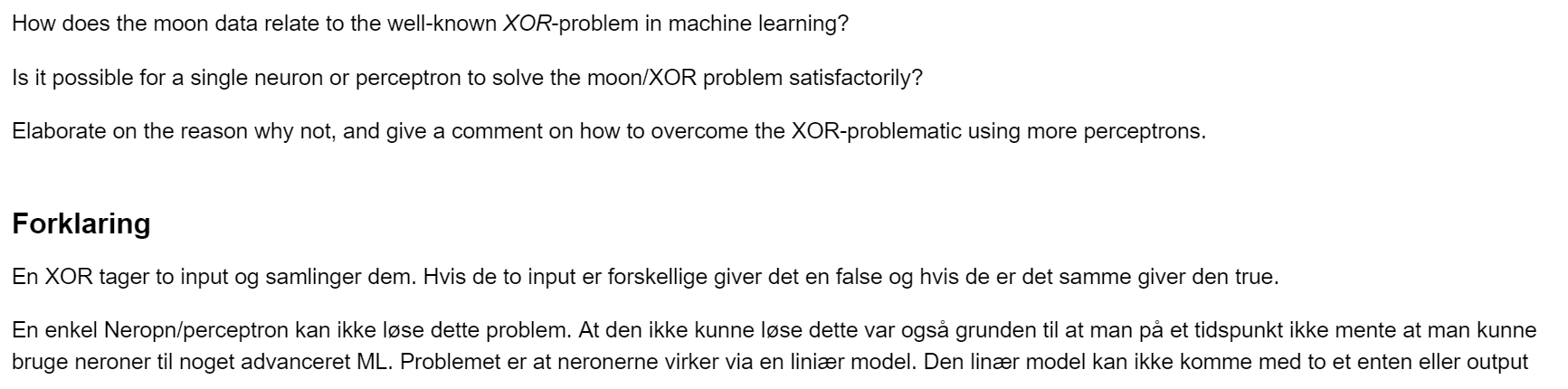


## Qb:





## Qc:



## Qd:

