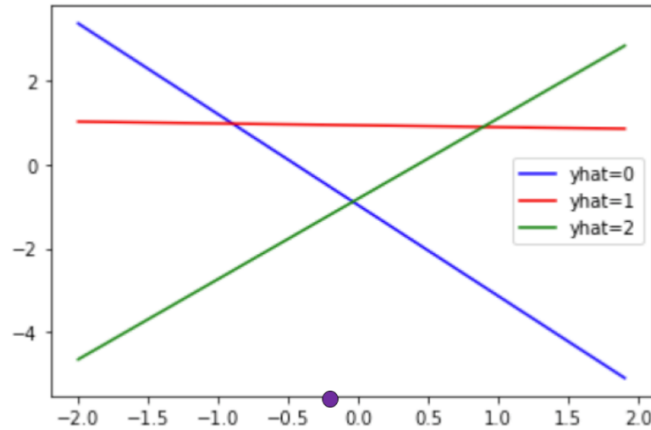


6.1 Softmax Function: Using Lines to Classify Data

LATEST SUBMISSION GRADE
100%

1. How would you classify the purple point given the three lines used in a softmax classifier:

1 / 1 point



- ☐ yhat=0 or blue
- ☒ yhat=1 or red
- ☐ yhat=2 or green

✓ Correct
correct

2. Consider the following output of the lines used in the softmax function shown in the following table. What will be the value of yhat?

1 / 1 point

	z_0	z_1	z_2
i	0	1	2
	-3.05	1.46	2.6

$$\hat{y} = \operatorname{argmax}_i \{z_i\}$$

- ☐ yhat=0
- ☐ yhat=1
- ☒ yhat=2

✓ Correct
correct