Course / KNN Discussion

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LECTURE 1A

Roadmap

- Introductions
- Content Questions
- Administrivia Questions
- KNN Example
- Homework 1

Introductions

Content Questions

Content Questions

Content Questions

Content Questions

Administrivia Announcements

- If you're not enrolled and there's not physically room in the classroom, please leave
- Offered again next year (perhaps in Spring)

Administrivia Questions

Administrivia Questions

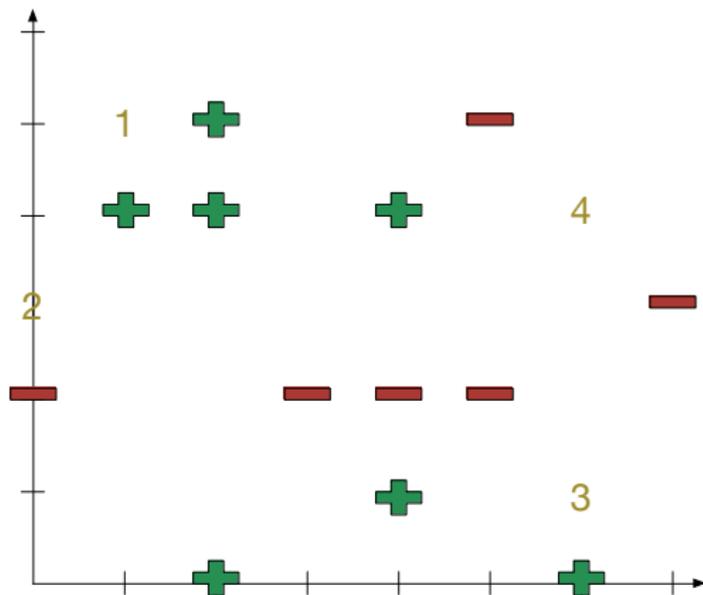# Administrivia Questions

Administrivia Questions

KNN Classification

$K = 1$

What is the
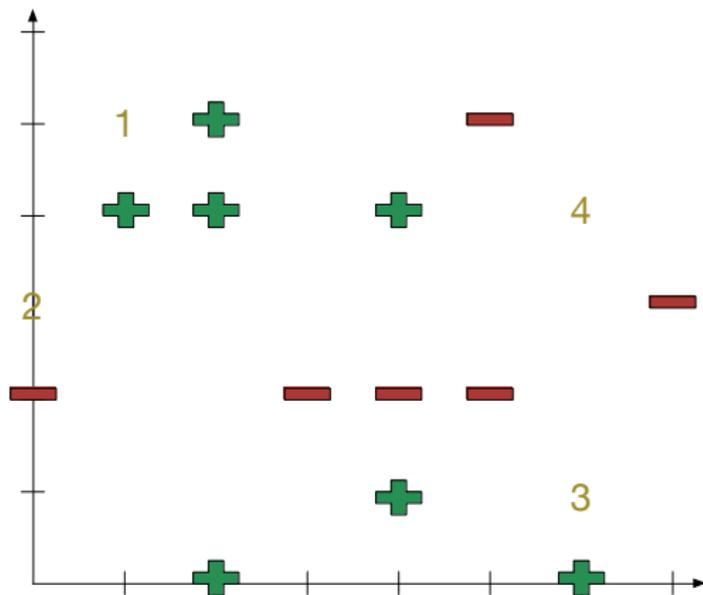prediction of y_1?

Closest points:

Prediction:

KNN Classification

$K = 1$

What is the
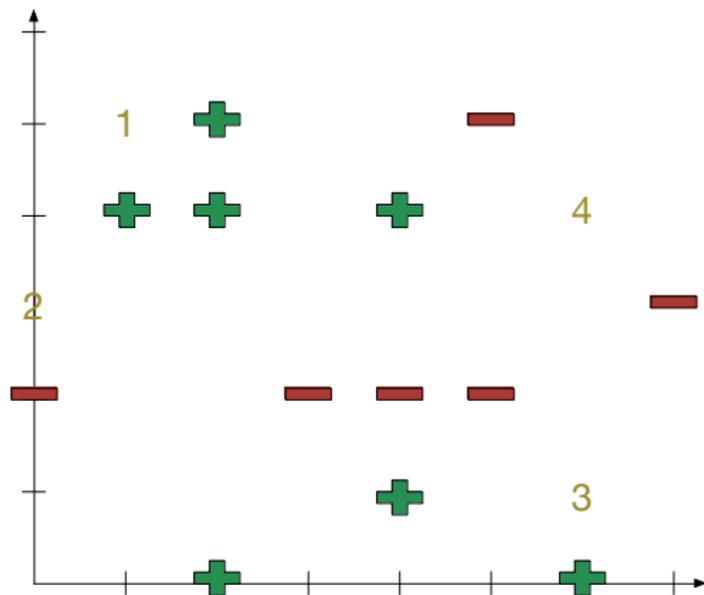prediction of y_2?

Closest points:

Prediction:

KNN Classification

$K = 1$

What is the
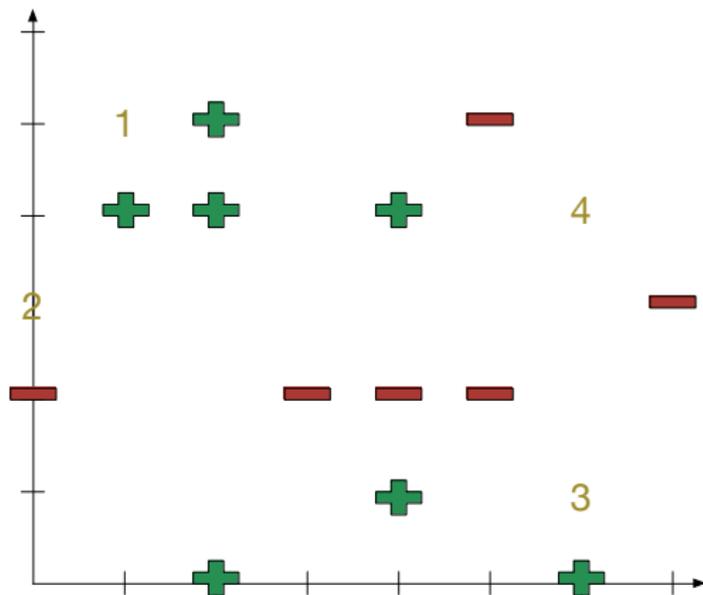prediction of y_3?

Closest points:

Prediction:

KNN Classification

$K = 1$

What is the
prediction of y_4?

Closest points:
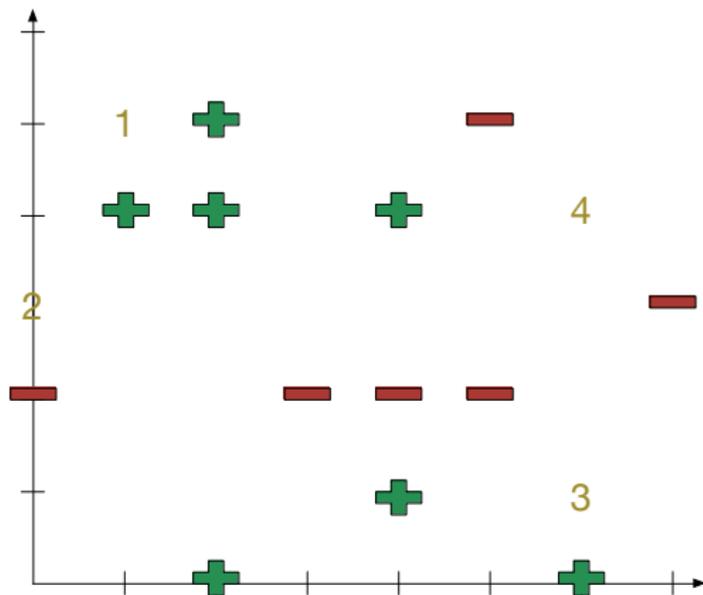
Prediction:

KNN Classification

$K = 2$

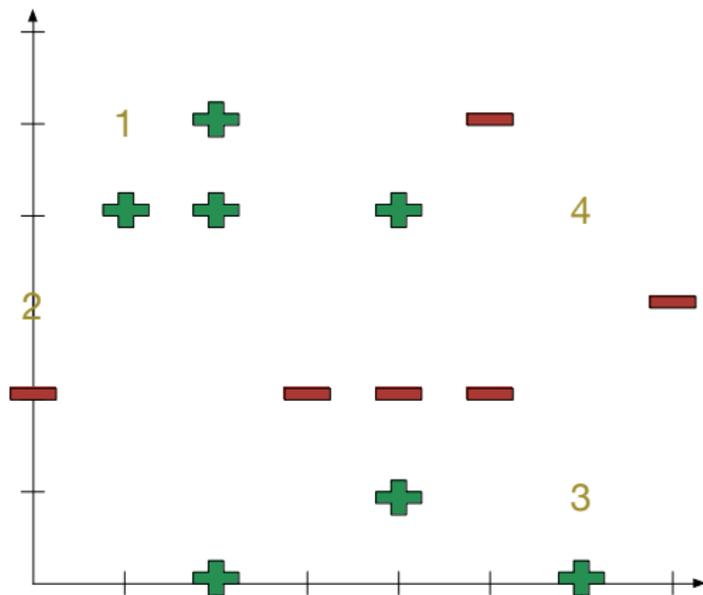What is the prediction of y_1?

Closest points:

Prediction:

KNN Classification

$K = 2$

What is the
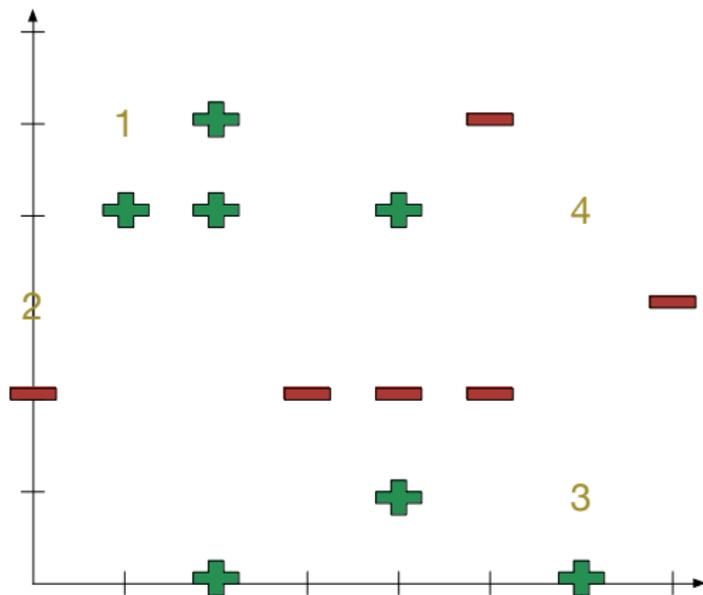prediction of y_2?

Closest points:

Prediction:

KNN Classification

$K = 2$

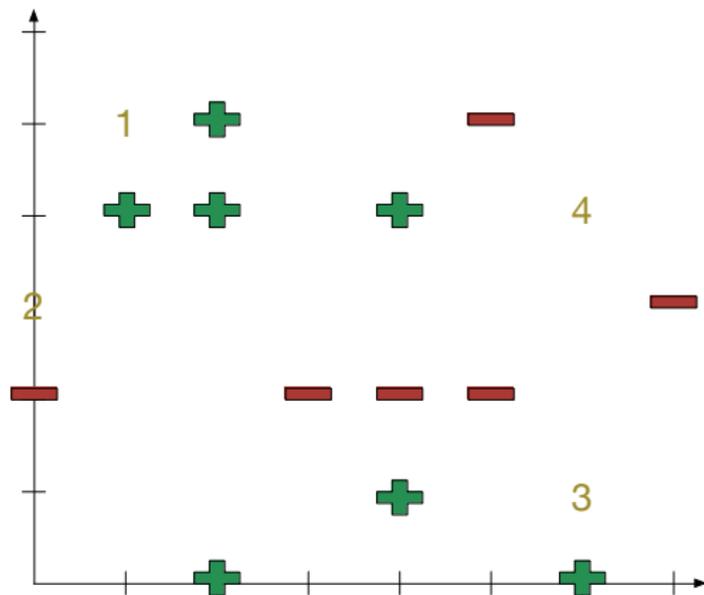What is the prediction of y_3?

Closest points:

Prediction:

KNN Classification

$K = 2$

What is the
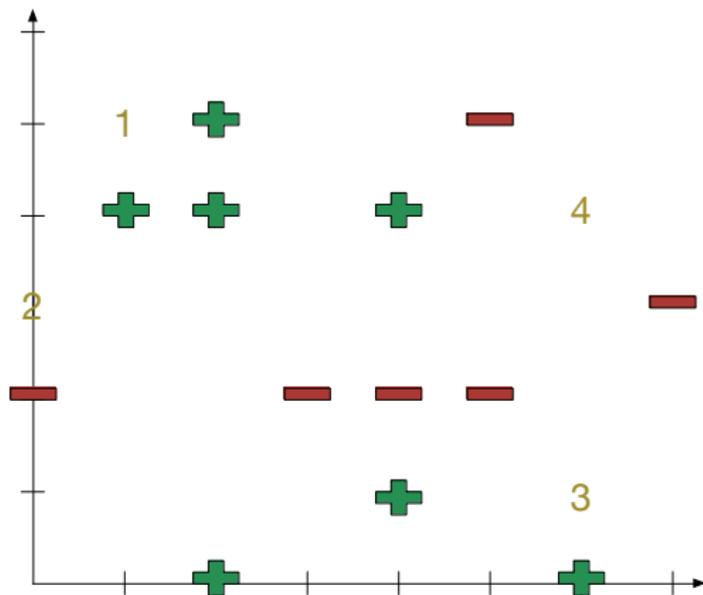prediction of y_4?

Closest points:

Prediction:

KNN Classification

$K = 3$

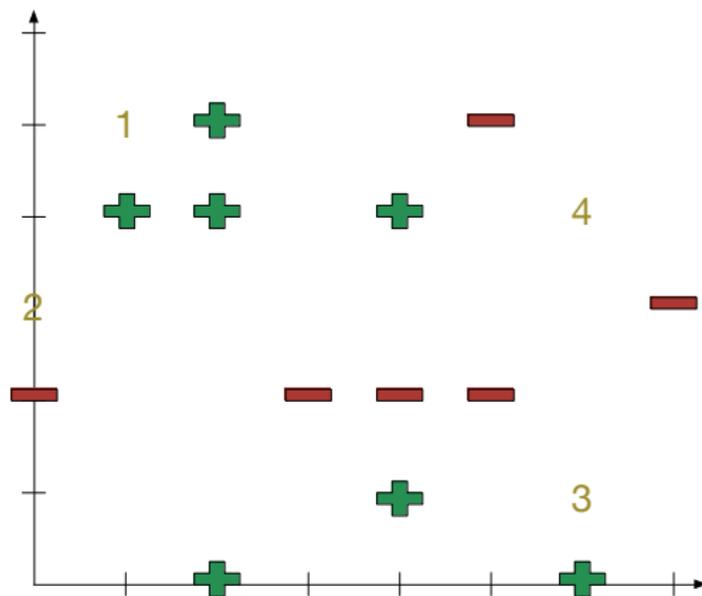What is the prediction of y_1?

Closest points:

Prediction:

KNN Classification

$K = 3$

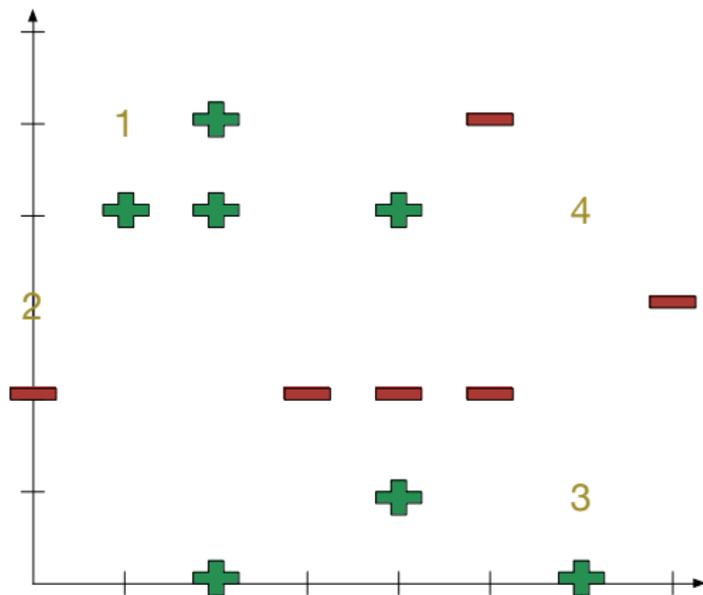What is the prediction of y_2?

Closest points:

Prediction:

KNN Classification

$K = 3$

What is the
prediction of y_3?
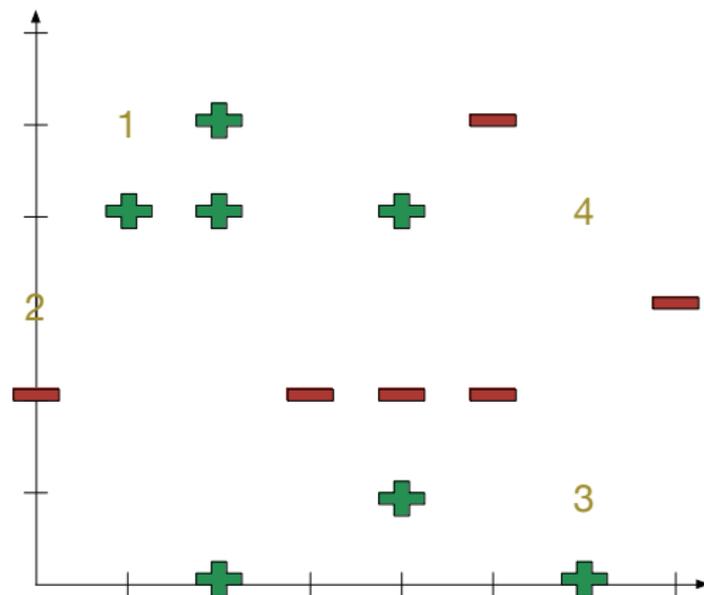
Closest points:

Prediction:

KNN Classification

$K = 3$

What is the
prediction of y_4?

Closest points:

Prediction:

HW1

- Posted this week
- Designed to be easy
- Main goal: comfortable with Python / infrastructure