

# Course / KNN Discussion

Machine Learning: Jordan Boyd-Graber University of Maryland

## Roadmap

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

## Introductions

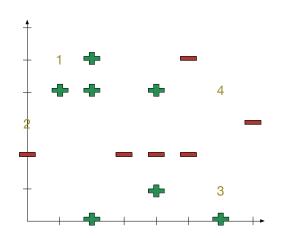
#### **Administrivia Announcements**

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



What is the prediction of  $y_1$ ?

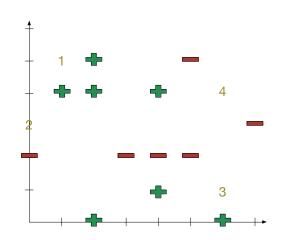
Closest points:





What is the prediction of  $y_2$ ?

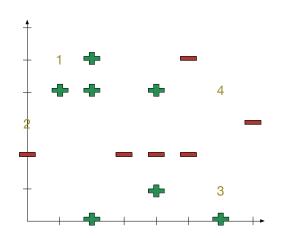
Closest points:





What is the prediction of  $y_3$ ?

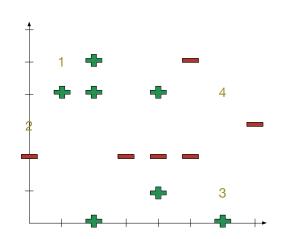
Closest points:





What is the prediction of  $y_4$ ?

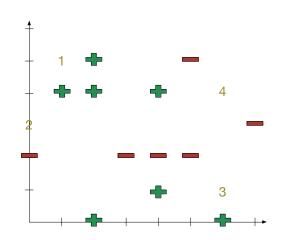
Closest points:





What is the prediction of  $y_1$ ?

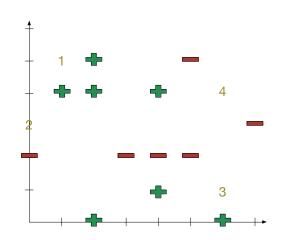
Closest points:





What is the prediction of  $y_2$ ?

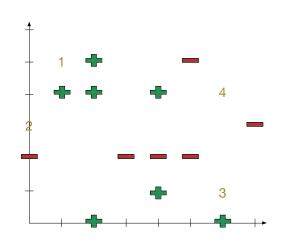
Closest points:





What is the prediction of  $y_3$ ?

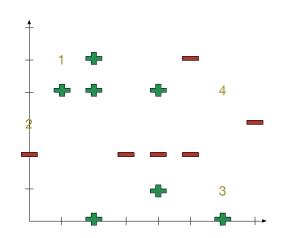
Closest points:





What is the prediction of  $y_4$ ?

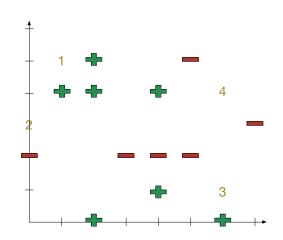
Closest points:





What is the prediction of  $y_1$ ?

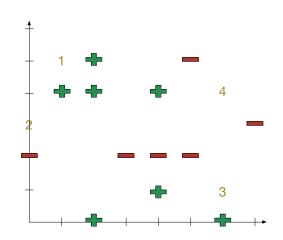
Closest points:





What is the prediction of  $y_2$ ?

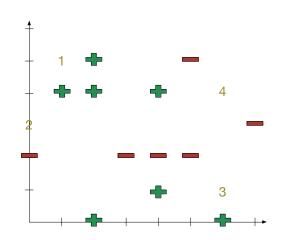
Closest points:





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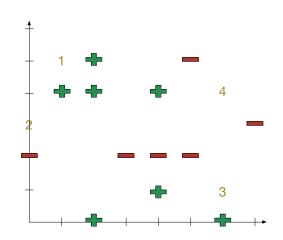
Closest points:





What is the prediction of  $y_4$ ?

Closest points:



#### HW1

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