



Machine Learning: Jordan Boyd-Graber University of Colorado Boulder

LECTURE 1B

Roadmap

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

Outline

- Introductions
- 2 Content Questions
- Administrivia Questions
- 4 KNN Example

Introductions

Outline

- Introductions
- 2 Content Questions
- 3 Administrivia Questions
- 4 KNN Example

Outline

- Introductions
- 2 Content Questions
- 3 Administrivia Questions
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Administrivia Announcements

- Nice to be in caete classroom
- Room in that section of the class
- I'm offering it again in the Fall
- Still looking for one more grader (4hr / week)

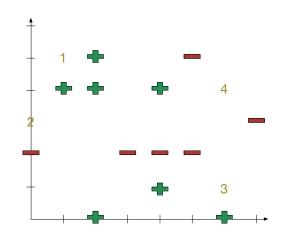
Outline

- Introductions
- 2 Content Questions
- 3 Administrivia Questions
- 4 KNN Example



What is the prediction of y_1 ?

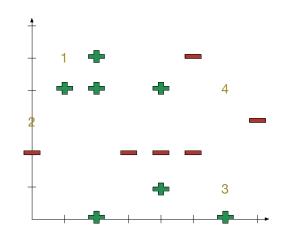
Closest points:





What is the prediction of y_2 ?

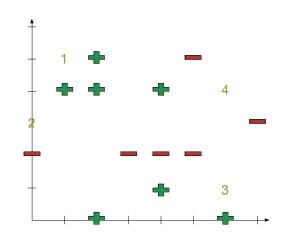
Closest points:





What is the prediction of y_3 ?

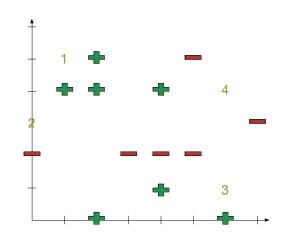
Closest points:





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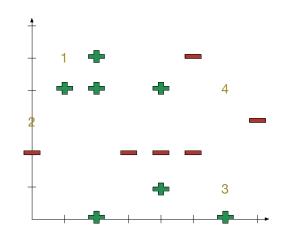
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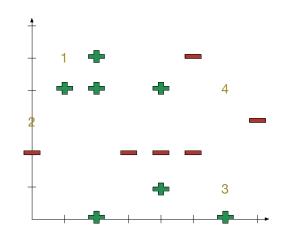
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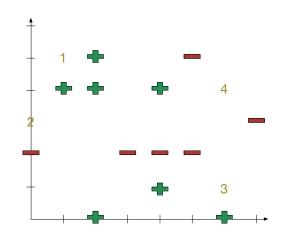
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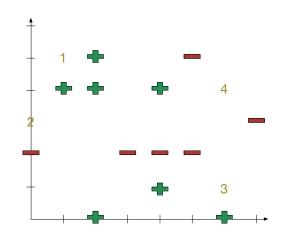
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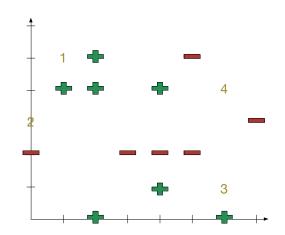
Closest points:





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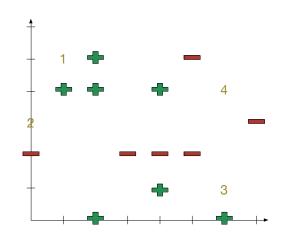
Closest points:





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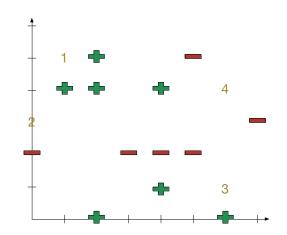
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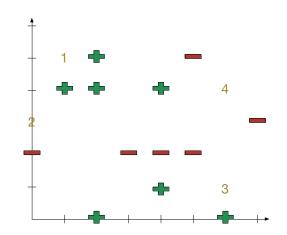
Closest points:





What is the prediction of y_3 ?

Closest points:



HW₁

- Now posted
- Designed to be easy
- Main goal: comfortable with Python / infrastructure