

Final exam review

What did we learn in this course?

- 1. Python basics:
 - Python_1.ipynb
 - Python_2.ipynb
- 2. Numpy basics:
 - NumpyTutorial.ipynb
- 3. Linear Regression by vector derivatives:
 - LinearModels.ipynb,
 - PlaneFitProblem,
 - Hessians,
 - Practice Problems for Midterm 1,
- 4. Optimization by Gradient descent:
 - ContinuousOptimization.ipynb
- 5. 1-Layer Neural Network: Perceptron3.ipynb
- 6. Pre-midterm review: Practice Problems

Decision Theory:

- Lecture notes: decision-theory.pdf. Additional resources:
- Chapter 2 of MLStory book

Bayes Rule

Question:

Given two random variables X and Y specify the relationship between P(X|Y) and P(Y|Y)

Answer

D/W |W|D/W|

1 of 1 4/23/24, 14:02