



Bookmarks

- ▶ Artificial Intelligence Course: Getting Started
- ▶ Week 1: Introduction to AI
- ▶ Week 2: Intelligent Agents and Uninformed Search
- ▶ Week 3: Heuristic Search
- ▶ Week 4: Adversarial Search and Games
- ▶ Week 5: Machine Learning 1
- ▼ Week 6: Machine Learning 2

**Week 6:
Suggested
Readings**

**6.1 Machine
Learning:
Perceptron**

Week 6: Machine Learning 2 > Week 6: Suggested Readings > Week 6: Suggested Readings

Week 6: Suggested Readings

🔖 Bookmark this page

1. Bayes's Theorem: What's the Big Deal?

<https://blogs.scientificamerican.com/cross-check/bayes-s-theorem-what-s-the-big-deal/>

One of the simplest explanations of the Bayes's theorem, and examples of how everyone's intuition (including doctors) can be wrong when it comes to probability. The article also talks about model validity and confirmation bias, and potential for misuse.

2. Data Mining and Statistics: What's the Connection

by Dr. Jerome H. Friedman. Stanford University.

[Link to the article.](#)

3. Machine Learning that Matters

by Kiri Wagstaff (Jet Propulsion Laboratory).

[Link to the article.](#)


6.2 Logistic Regression

6.3 Decision Trees

6.4 Naive Bayes

6.5 Ensemble Methods

Week 6 Quiz: Machine Learning 2

Quiz due Apr 11, 2017
05:00 IST 

Week 6 Discussion Questions

- ▶ Week 7:
Machine Learning 3
- ▶ Week 8: CSP
- ▶ Week 9:
Reinforcement Learning
- ▶ Week 10:
Logical Agents
- ▶ Week 11: AI Applications:
NLP
- ▶ Week 12: AI Applications
And Course Review

© All Rights Reserved



© 2012-2017 edX Inc. All rights reserved except where noted. EdX, Open edX and the edX and Open EdX logos are registered trademarks or trademarks of edX Inc.

POWERED BY
OPENedX

