

# INLS 623 – In Class Assignment: Machine Learning/Data Mining

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Date Assigned: March 23, 2017

Completion Date: March 23, 2017 (11:55pm)

1. How does database systems relate to data mining/machine learning?
2. What is the difference between supervised and unsupervised learning?
3. How do you know when to use supervised learning?
4. How do you know when to use unsupervised learning?
5. Why is accuracy a bad measure of correctness?
6. What are alternatives to accuracy?
7. What are some use cases for machine learning?
8. Given that machine learning has been around since the early 60's, why is it so popular now?
9. List and explain the steps involved with evaluating a machine learning classifier.
10. List advantages of starting with a decision tree classifier.