1. Welcome to the Nanodegree
   1. Welcome to the MLND Program
      1. Welcome to MLND
      2. Announcement
      3. Program Readiness
      4. What is Machine Learning
      5. Machine Learning vs. Traditional Coding
      6. Quiz: Applications of Machine Learning
      7. Connections to the GA Tech
      8. Program Outline
   2. What is Machine Learning
      1. Introduction to Machine Learning
      2. Decision Trees
      3. Decision Trees Quiz
      4. Decision Trees Answer
      5. Naïve Bayes
      6. Naïve Bayes Quiz
      7. Naïve Bayes Answer
      8. Gradient Descent
      9. Linear Regression Quiz
      10. Linear Regression Answer
      11. Logistic Regression Quiz
      12. Logistic Regression Answer
      13. Support Vector Machines
      14. Support Vector Machines Quiz
      15. Support Vector Machines Answer
      16. Neural Networks
      17. Kernel Method
      18. Kernel Method Quiz
      19. Kernel Method Answer
      20. Recap and Challenge
      21. K-means Clustering
      22. Hierarchical Clustering
      23. Practice Project: Detect Spam
          1. https://github.com/udacity/machine-learning/blob/master/projects/practice\_projects/naive\_bayes\_tutorial/Naive\_Bayes\_tutorial.ipynb
      24. Summary
   3. MLND Program Orientation
      1. Before the Program Orientation
      2. Introduction
      3. Projects and Progress
      4. Connecting with your community

## Connecting with Your Community

Your Nanodegree community will play a huge role in supporting you when you get stuck and in helping you deepen your learning. Getting to know your fellow students will also make your experience a lot more fun!

**To ask and answer questions, and to contribute to discussions, head to your**[**program forum**](http://discussions.udacity.com/categories)**. You can get there by clicking the Discussion link in the classroom and in the Resources tab in your Udacity Home.** You can search to see if someone has already asked a question related to yours, or you can make a new post if no one has. Chances are, someone else is wondering about the same thing you are, so don’t be shy!

In addition, students may connect with one another through [**Slack**](https://slack.com/), a team-oriented chat program. You can join the MLND Slack student community by following [**this link**](http://br-slack.udacity.com/) and registering your email. There are many content-related channels where you can speak with students about a particular concept. In addition, you can talk with **MLND graduates and alumni** to get a live perspective on the program in the #mlnd channel! You can find the student-run community wiki [**here**](https://github.com/machinelearningnanodegree/MLND/wiki).

* + 1. Support from the Udacity Team

## Support from the Udacity Team

The Udacity team is here to help you reach your Nanodegree program goals! You can interact with us in the following ways:

* **Forums**: Along with your student community, the Udacity team maintains a strong presence in the forum to help make sure your questions get answered and to connect you with other useful resources.
* **Project Reviews**: During the project submission process, your submissions will be reviewed by a qualified member of our support team, who will provide comments and helpful feedback on where your submission is strongest, and where your submission needs improvement. The reviews team will support your submissions all the way up to meeting specifications!
* **By email**: You can always contact the Machine Learning team with support-related questions using [**machine-support@udacity.com**](mailto:machine-support@udacity.com). Please make sure that you have exhausted all other options before doing so!

Find out more about the support we offer using the **Resources** tab in your Udacity Nanodegree Home.

* + 1. How does Project Submission Work?
    2. Integrity and Mindset
    3. Final Tips
    4. Wrapping up the Program Orientation

1. Evaluation and Validation
2. Supervised Learning
3. Unsupervised Learning
4. Machine Learning Capstone