**Lesson Plan**

**Module 5:** Text Classification

**Objectives:**

* Train a machine learning classifier using the annotated data from Twitter
* Present the results of each project

**Students’ Outcomes:** at the end of this module students will be able to:

* Understand the basic approaches to machine learning
* Train a simple binary/multilabel classifier
* Present to the class the results of their projects

**Instructional Delivery:** Deliver these concepts in very easy terms. Meet with student teams individually to check their progress. Give access to the prepared Jupyter notebook a week in advance so students can play with the code. Make sure that students know the expectations of the project, which include a very basic approach on how to create a machine learning classifier with the Jupyter notebook given.

Allow students to present on the final day of classes.

**Assessment:**

* Submission of project presentation