

# STAT 946-Machine learning

**Project Title:**

**Group Members:**

Surname, First Name	Student ID

Your project falls into one of the following categories. Check the boxes which describe your project the best.

1.  **New algorithm.** We developed a new algorithm and demonstrated (theoretically and/or empirically) why our technique is better (or worse) than other algorithms. (Note: A negative result does not lose marks, as long as you followed proper theoretical and/or experimental techniques).
2.  **Application.** We applied known algorithm(s) to some domain.
  - We applied the algorithm(s) to our own research problem.
    - We used an existing implementation of the algorithm(s).
    - We implemented the algorithm(s) ourself.
  - We tried to reproduce results of someone else's paper.
    - We used an existing implementation of the algorithm(s).
    - We implemented the algorithm(s) ourself.
3.  **Survey.** Our project is a survey of a technique (or techniques).
  - We investigated a technique or problem theoretically.
  - We investigated a technique or problem experimentally.
4.  **None of the above**

**Explain:**