**CMPT 733 Big Data Science – Final Project**

**Call for Project Idea**

**Title of the Project:**

**Description:**

2-3 paragraphs describing the technical challenge that needs to be addressed. Describe the inputs of the problem and the expected ideal outputs/solutions. The challenge should be doable in a period of 8 weeks by a team of 2—4 master’s students who have good background in various areas including machine learning, distributed programing (Spark/MapReduce), visualization, deep learning, *algorithms*, and database systems.

We collected [8 project ideas](https://rawgit.com/sfu-db/bigdata-cmpt733/cmpt733-2018sp/Final%20Project/project-instruction.html#Choose-from-what-we-provide) last year. Many students chose to do those projects and delivered great results. For example, one team won [an Open AI Challenge](https://blog.werobotics.org/2018/05/16/announcing-winners-open-ai-challenge/)by doing a project proposed by WeRobotics. You can find all the students' projects at [Project Showcase](https://sfu-db.github.io/bigdata-cmpt733/final-project-sp18.html).

**Datasets**

1-2 paragraphs describing the datasets to be used, their scale, and how students can obtain them. The data will have to be accessible by students. If real datasets are not possible to share with students because of confidentiality or privacy issues, you may direct students to public datasets that somewhat resemble the real datasets. Or you may anonymize parts of the datasets. Just make sure that if the solution works on the public or anonymized dataset, it will likely work on the private one.

**Contact person:**

Please provide the email address of a person who can answer questions related to the challenge. Students will work independently and consult with their instructors. But occasionally, they may need to clarify some issues about the challenge to make sure that they develop the correct solution.

**Contributor of the Project Idea:**

This is optional. If you want us to put your profile on the course website, please provide your name, job title, and organization.

**Submission:**

Please fill in the document and send it back to Jiannan Wang <jnwang@sfu.ca>