**DATA SCIENCE PROJECT 2 (MAST90107)   
Semester 2 2021**

**GROUP 17**

Meeting No. 7

**Date & Time:** 10th Sept 2021, 10AM - 11AM

**Agenda:**

**Attendees:** Brendan Ansell, Robbie, Kartika, Vrinda

**Discussion:**

1. Grid search over the different xgboost models   
   Eta : 0.001 → 0.01 → 0.1

max \_depth also to be set in different intervals

1. Get the grid search to work on 1 gene - yet to decide if PCA should be implemented
2. Aim to produce prototype code that works to make the models comparable
3. Create 4 rds files that are standard train and test data for blood and lung tissue

**Resources/Next steps:**

1. Comparing the models
2. Find out assessment specifications from Ziad
3. Start on a structure for the report - introduction on the two models being used, their specifications
4. Grid search example - <https://www.r-bloggers.com/2016/01/r-setup-a-grid-search-for-xgboost/>