**DATA SCIENCE PROJECT 1 (MAST90106)   
Semester 1 2021**

**GROUP 17**

Meeting No. 10

**Date & Time:** 7th May 2021, 10.30 PM - 11.30 PM

**Agenda:** Update on the project with clients

**Attendees:** Kartika Waluyo, Vrinda Rajanahally, Roberto Bonelli, Brendan Ansell

General Instructions:

1. Submit Task Reports a day before Wednesday meetings
2. Add results of the new subtask (bar plots for each Tissue) to Task 1 report
3. 2 weeks to complete Task 2

Additions to Task 1:

1. Sub task – add histograms to heatmaps using ComplexHeatmap

2. Keep the names only for each row

3. 1st bar plot – overlapping donors of all tissues in blood, facets

4.  What does the column clustering and row clustering mean? (compare the rows and columns of testis and ovaries)

5. Rank correlation – top 10 tissues in overlapping donors and top 10 tissues in overapping genes – find top 5 tissues in both

Instructions on Task 2:

1. for each gene blood,

2. Mean plot

3. Avg corr. of every gene with blood, absolute corr. (would be an R object) and create a density plot

Make each task document a WORD document – to make comments and make changes