DS 413/613 **Syllabus Addendum** Spring 2021 Instructor: J Dickens, PhD

DS 413/613 students,

Please take note of the following minor grading scheme adjustments for our course this semester.

All students will be subject to the grading process outlined below:

Undergraduate students:

|  |  |
| --- | --- |
| **Assignment** | **Grade Proportion** |
| Homework | .60 |
| Classwork/Lab | .15 |
| Shiny App Project | .25 |

The Shiny App Project is to completed in collaboration with two or three students. Team members will be assigned by the teacher. The Shiny App Project teams can be a mixture of undergraduate and graduate students.

Graduate students:

|  |  |
| --- | --- |
| **Assignment** | **Grade Proportion** |
| Homework | .40 |
| Classwork/Lab | .15 |
| Shiny App Project | .25 |
| Written Report Statistical Analysis | .20 |

The Shiny App Project is to completed in collaboration with two or three students. Team members will be assigned by the teacher. The Shiny App Project teams can be a mixture of undergraduate and graduate students.

The Written Report Statistical Analysis is to show evidence of usage and applications of one of the three statistical tests indicated below (using R coding);

* Two sample T Test
* One way Anova
* Two way Anova

The Written Report Statistical Analysis should be between 7 and 10 pages (double spaced script) that includes a brief description of the statistical test that you are going to use, the motivation for your topic, a detailed explanation of the topic, supporting graphs, and tables, R code, structure and schemes for appropriate hypothesis testing, a summary, closing statements and implications for future research.

Important Dates:

**4/29/2021** All Shiny App Project Submissions and Presentations are due:

413/613 section 4 ( 2:30 – 5pm) The day and time slot corresponds to the scheduled final exam.

413/613 section 6 ( 5:30 – 8pm) The day and time slot corresponds to the scheduled final exam

**5/3/2021**  All Statistical Written Reports are due by 11:30pm (both sections, 413/613 section 4 and 413/613 section 6)

**Shiny App Teams 413/613 section 4**

(Each Team is to produce one shiny app)

Team 1 William Cohen Hyo Young Lim

Team 2 Keelin Grace Ferris Mahima Palamanda

Team 3 Yu Guo Sijay Matsinye

Team 4 Jacob Henkels Sarah Hassan

Team 5 Norris Jaber Riyo Moore

Team 6 Jiazeng Li Cihui Yang

Team 7 David A. Saff Elizabeth Marge

**Written Statistical Report Teams**  **413/613 section 4 (Graduate students only)**

Team A David A. Saff Elizabeth Marge

Team B Jacob Henkels Yu Guo

Team CNorris Jaber Cihui Yang Jiazeng Li

**Shiny App Teams 413/613 section 6 (**Each Team is to produce one shiny app**)**

Team 1 Lindsay Beyak Humayun Qasemi

Team 2 Chen-Yu Chao Reva Muira Panda

Team 3 Joshua T Puckett Natasha Karwal

Team 4 Xuehao Wang Isabella S Natke

Team 5 Yue Shang Xiaoqian Li

**Written Statistical Report Teams**  **413/613 section 6 (Graduate students only)**

Team A Lindsay Beyak Humayun Qasemi

Team B Joshua T Puckett Natasha Karwal Chen-Yu Chao

Team C Yue Shang Xuehao Wang