STAT 5702 – Modern Applied and Computational Statistics Winter 2021
Instructor: Professor Dave Campbell
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Dave_Campbell.html

Course Schedule:
Tuesdays and Thursdays: 14:35 - 15:55

Office hours: immediately after class.

Grading:
Assignments 50%
Projects 2 x 25%

There will not be a final exam
In order to pass the course you must obtain a cumulative mark of at least 50%
and no less than 40% on any one of the above components.

Approximate Course Outline:
Week 1: R, tidyverse, t-sne, basics of simulation Week 2: Bootstrap
Week 3: Jack Knife
Week 4: Permutation Tests
Week 5: Text acquisition and manipulation Week 6: Text cleaning and
tokenization Week 7: Topic Modelling
Week 8: Word Embeddings
Week 9: Smoothing
Week 10-12: Functional Regression Models Week 13: Student presentations