Midterm

Choose 1 of 3 or use your own problem, and create an R package with a function to implement model or algorithm

Criteria for own problem:

* Well documented
* Include example with simulated or real data
* Package should be able to install
* Available on github with readme.md
* Must incorporate at least [3] of teachings
  + Rcpp
  + Vignette built in Quarto
  + Simulation and timing
  + \*apply
* Bonus points
  + Set up with continuous integration