**Naudé Conradie**

**19673418**

**Meeting Minutes 11:00 2020/05/11**

**Code**

* Monte-Carlo simulation
  + Run number of unit simulations
  + Plot
    - Histograms
    - Scatter plot
    - Heat map
  + Consider the input distribution
    - Different numbers of elements removed
    - Gaussian distribution
  + Compare to baseline data
    - Full element
  + Consider binning effects
  + Look at any book
* Increase performance
  + Perform calculations after simulations are completed
  + Parallelise runs
* Templates
  + Use Cook textbook for boundary conditions
* Formatting
  + Automatically generate docstrings for comments
  + Use the linter to warn if 80 characters are exceeded
  + Separate function and class arguments in new lines
  + Indicated expected output
  + Use list generator (yield)
* Unit test
  + Implement unit test cases

**Admin**

* Presentation feedback
  + Think about questions before answering
* SSD
  + E-mail IT or Susan for quotes
  + Make sure the SSD is compatible