**2 - 4 Week Plan (Challenge 5)**

* Increase/balance the steak image dataset
* Improve image processing pipeline (e.g. non-steak background removal)
* Enhance computational model by:
  + Including more realistic material properties for meat and fat streams
  + Simulate a broader set of initial material configurations and extruder topology optimisation
  + Create the geometry to be closer to an industrial extrusion setup
  + Run simulations with different process conditions/geometries
  + Create non-isothermal simulation & include temperature dependant rheology
* Design control logic for real-time process control
* Include Marbling Index in steak grade classifier
* Validate placeholder TEA values