Please send me your solution as a pdf file latest by **June 28 midnight**

There is no one right answer and what I want to see is your unique approach to the problem.

You are an FMCG company and you need to decide based on past sales how many of each item you can manufacture you will manufacture for the next month to sell. Assume you manufacture 5 items - how many of each you will produce will depend on: a) past history of sales b) recent popularity of the item, c) cost price vs selling price, d) storage cost, shipping cost e) how fast the item will perish, f) ease of production of the item, g)manpower needed etc. Think like a Bayesian and come with a strategy on how many of each item you will produce for the next month. Whenever you have a doubt about the way forward make logical assumptions, state them and proceed forward. You can add more factors as long as you can justify them.

Now suddenly there is a shutdown. Your factory can only work with limited staff and for limited hours, the supply chain is disrupted, all workers have to be paid regardless of whether they are working full time or not, ships are not moving, truck movement is infrequent, people are buying only bare essentials. How will you change

your manufacturing strategy? Is all your prior knowledge a complete waste or can some of it be still used?

Feel free to use online resources and then come up with a solution. I cannot prevent you from discussing this with your friends but I would prefer that the final report reflects your understanding of the problem and is in your words. Finally, what is the key takeaway you learnt from this problem and its solution?