**Scenario:**

A part demand planner’s core responsibility is to get parts by working with various suppliers.

A part demand planner comes to you with a list of historical parts used in repairs. He wants your support with a few things –

1. to help him understand the data – what trend do you see etc?

2. to help predict next year’s parts demand (forecast at part level and weekly level)

3. to build a systematic solution to help predict thousands of other parts which he can share the data with you depended on how you support his needs in this round.

* What questions would you have for him?
* Based on available data and you can make assumptions as needed, please provide him the results he needed in an easy-to-understand way. Please don’t hesitate on sharing what you learned from the data.
* Please share the steps you take and all the scripts (R, or Py) for coming up with the solutions.