## Problem Statement:

Given 3 datasets related to online products sales in the year 2019 for months Jan, Feb and March for a given store.

Need to do data engineering using pandas on these datasets to obtain the following objectives

**Cleanse the data removing blank rows**

1. Get the date on which max sales was done in each month.
2. Get top 3 least popular product each month.
3. Get top 3 least purchasing addresses each month.
4. Get the order id which has most products each month. (max cart size)
5. Get the date on which max sales was done for all products in these 3 months
6. Get the sales column which will have quantity \* price as the values.
7. Get the average sales value for each product in these 3 months
8. Create a combined dataset merging all these 3 datasets with order by date in desc order and print the number of rows in total dataset.
9. Get the orderId and purchase address details who made max sales in all the 3 months
10. Get the date on which max sales was done by product in these 3 months
11. Extract city from the purchase address column which is 2nd element in, delimited separated string and determine the city from where more orders came in all these 3 months
12. Get the total order count details for each city in all the 3 months