Individual Assignment 2

# Objective of Assignment

Objective of the assignment is to identify total number of equipment/instruments bought by customers; how many services have been done for the corresponding equipment/instrument bought by the customer who has purchased the equipment/ instruments & quantity & amount spent by the same customers on consumables.

# Dataset Information

For above objective you would be given 3 datasets all the 3 datasets are from 2021 till 2024.

1. Install\_Base: This file has information of instruments/equipment installed (equipment number variable is a unique identifier for the instruments/equipment purchased by ship\_to\_customer\_name)
2. ISM\_Data: This file has information of services done by customer; you can join the two datasets install base data & ISM data on equipment number.
3. Consumable\_Data: This file has information for the amount spent by customers & quantity purchased by customers for consumables. You can join the two datasets consumable data & install base on (ship\_to\_customer\_name & cdm duns name)

# Expected Output

Below is just the demo of the output just for the reference. Even if you have different format, it would be fine.

A white sheet with black lines

Description automatically generated