**Case Study: Data Cleaning & Analysis for Antibiotics**

This case study involves a detailed account of antibiotics sold by price and volume.

Some tasks have been given, which will be worked on in the Excel file and the answers will be provided here.

For better understanding, each brand given is an antibiotic, and the levels, one through to five, help us understand the classification system given to medicines (in this case antibiotics)

Level 1: Anatomical classification

Level 2: Therapy area

Level 3: Pharmacological segment

Level 4: Drug class

Level 5: Active constituent (which we will be working most with)

Cleaning steps taken:

1. Formatted the active cells to tables
2. Checked for correct spellings and replaced incorrect ones
3. Created new column to link tables together to answer the questions to the case study

Answers to case study:

1. J01CR02 Amoxicillin and enzyme inhibitor
2. J01DC02 Cefuroxine: It has the lowest over the 4 years
3. Not found
4. 0; it was not listed in 2020
5. $9,675,298.33
6. Ampiclox
7. Digicef
8. J01CA Penicillins with extended spectrum
9. J01C Beta-lactam antibacterials, penicillins
10. Excel workbook only