



MS2001 Business Data Management

Jan 2024 Term

Week 7 - Graded Assignment 7

ALL ANSWERS ARE CONFIGURED TO TAKE STRING INPUT

CAUTION: To avoid errors, copy paste the exact text from the cell to answer sheet.

1. Which gear assembly has yielded the maximum revenue to ACE Gears during the given period?

HINT: Q1 is configured for the gear name only.

Do not combine time periods for Q1, treat each Quarter as separate rows itself.

2. Which period saw the maximum Sales of Combination Gear Assemblies?

HINT: create a new column to concatenate Quarter and Fiscal Year.

E.g. CONCAT(Dx,Ex), E.g. Q32020-21

3. Which Gear Assembly returned the highest percentage unit (net) margin?

HINT: Unit margin is the per gear assembly margin. It is the difference between Price and Unit Overall product cost for a particular gear assembly.

4. Which period saw the least amount of ending inventory in terms of volume?

HINT: Use similar logic as Q2.

5. Which Gear Assembly made the maximum jump in the percentage revenue from 2019-20 to 2020-21?

HINT: Revenue is the product of sales (volumes) and price.