

# DPP-Session-13

## Assignment Questions



# Assignment Questions

**Question 1:**

You have the following dataset:

| Product   | Sales |
|-----------|-------|
| Product A | 150   |
| Product B | 300   |
| Product C | 450   |

Write a formula to calculate the total sales of Product B and Product C only.

**Question 2:**

What formula would you use to count the number of cells that contain numeric values in the range `A1:A10`?

**Question 3:**

Using the data below, write a formula to find the average score of students who scored above 80:

| Student | Score |
|---------|-------|
| Alice   | 85    |
| Bob     | 75    |
| Charlie | 90    |

**Question 4:**

How would you sort the following dataset first by "Department" (A-Z) and then by "Salary" (Largest to Smallest)?

| Employee | Department | Salary |
|----------|------------|--------|
| Alice    | HR         | 5000   |
| Bob      | IT         | 8000   |
| Charlie  | HR         | 4500   |

**Question 5:**

Using the dataset below, find the formula to calculate the second smallest value in the "Revenue" column:

| Product   | Revenue |
|-----------|---------|
| Product A | 1500    |
| Product B | 1200    |
| Product C | 1800    |

**Question 6:**

What formula would you use to count the number of employees in the "Sales" department from the dataset below?

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| Employee | Department |
|----------|------------|
| Alice    | IT         |
| Bob      | Sales      |
| Charlie  | Sales      |

**Question 7:**

Write a formula to calculate the total sales only for items that sold more than 200 units:

| Item   | Units Sold |
|--------|------------|
| Item A | 150        |
| Item B | 300        |
| Item C | 250        |

**Question 8:**

Using the dataset below, write a formula to find the maximum price of items that are marked as "Available":

| Item   | Price | Availability |
|--------|-------|--------------|
| Item A | 200   | Available    |
| Item B | 150   | Unavailable  |
| Item C | 250   | Available    |

**Question 9:**

Given the following data, what formula would you use to filter and count all employees earning above 5000 in the "HR" department?

| Employee | Department | Salary |
|----------|------------|--------|
| Alice    | HR         | 4000   |
| Bob      | HR         | 5500   |
| Charlie  | IT         | 6000   |

**Question 10:**

Using the data below, write a formula to calculate the average sales of items priced above 100 but less than 300:

| Item   | Price | Sales |
|--------|-------|-------|
| Item A | 90    | 1000  |
| Item B | 150   | 1200  |
| Item C | 250   | 1500  |