🛑 Suppose you are a bookstore owner with a stall at the Ekushe Boi Mela. You've kept track of the weekly sales for your five most popular genres. Now, you need to analyze this sales data to understand which genres are performing best at the Boi Mela and optimize your stall's display and restocking efforts for next year.

You have 45 minutes to solve this problem. Good Luck.

Genre	Week 1	Week 2	Week 3	Week 4
Mystery/Thriller	40000	42000	35000	60000
Fantasy	35000	38000	32000	75000
Science Fiction	45000	40000	50000	85000
Non-Fiction	25000	30000	40000	60000
Horror	20000	25000	28000	30000
Total				

1. Calculate **Total Sales** for each week.   2
2. Calculate the **Average Weekly Sale** for each genre in a new column.   2
3. Determine whether a genre is a **Best Seller** in a new column. (Condition: If sales in any week is above 60,000, it is a **Best Seller**; otherwise, it is **Not a Best Seller**.) 4
4. Determine if the genre is a **Flop** in a new column. (Condition: If sales in **every** week for a genre is less than 35,000, it is a **Flop**; otherwise, it is a **Hit**.)   4
5. Assign a **Performance Category** in another column based on the following criteria:
    ○ **Average Sales > 40,000:** Excellent   4
    ○ **Average Sales >=30,000 but <=40,000:** Good
    ○ **Average Sales < 30,000:** Below-average

● To visualize the sales, draw a pie-chart of the average sales taking all genres. 4