

# Day 03 Task

## Task 1 – Core Formula Practice

### Dataset link:

[https://mega.nz/file/VF9jRALD#N57\\_PCfK8V6hvsmVIbnjfvdOnTdQw7YrcPDlT-czCAU](https://mega.nz/file/VF9jRALD#N57_PCfK8V6hvsmVIbnjfvdOnTdQw7YrcPDlT-czCAU)

Using the given dataset, apply the following formulas (at least once each):

- SUM
- AVERAGE
- COUNT
- MAX
- MIN

Create a separate sheet named **Formula\_Practice** and place all calculations there.

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## Task 2 – Logical Column Creation (IF Function)

Create a new column named **Performance\_Flag** with the following logic:

- If Purchase Amount > Average Purchase Amount → High
- Else → Low

(Formula must be used, no manual tagging.)

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## Task 3 – Formula Explanation

Pick any two formulas you used today and answer:

1. Why was this formula required?

2. What business meaning does the output give?

(Answer in 3–4 lines each.)

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#### **Task 4 – Excel Error Identification**

**For each error, write:**

- Error name
  - Why it occurred
  - How you corrected it
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#### **Task 5 – Mini Check Questions**

1. What is the difference between COUNT, COUNTNA, and COUNTA?
  2. Why should calculations never be done manually in Excel?
  3. What happens if we copy a formula without understanding cell references?
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#### **Submission Instructions**

- **Submit one Excel file with formulas visible**
  - **Written answers can be in the same file or a separate document**
  - **Do not remove raw data**
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