**2311cs020302-day(10)**

**Assignment 1: Filtering Data Based on Conditions**

**Tasks:**

1. Filter out all rows where the Transaction\_Amount is greater than 2000.
2. Find all rows where the Transaction\_Type is "Loan Payment" and the Account\_Balance is greater than 5000.
3. Extract transactions made in the "Uptown" branch.

**Objective:**

* Practice filtering data using conditions and boolean indexing.

**Assignment 2: Data Transformation**

**Tasks:**

1. Add a new column called Transaction\_Fee, calculated as 2% of Transaction\_Amount.
2. Create a new column Balance\_Status:
   * If Account\_Balance is greater than 5000, label it as "High Balance".
   * Otherwise, label it as "Low Balance".

**Objective:**

* Learn how to create new columns and apply transformations based on existing data.

**Program:**

