**Integration-Testing**

**Mappings are:-**

1. m\_map\_profit\_margin\_sp1
2. m\_map\_buying\_trends\_sp1

**Test Case ID: T1**

**Test Case Purpose**: Validate Mapping,m\_map\_profit\_margin\_sp1, Validate Workflow, wf\_m\_map\_profit\_margin\_sp1

**Test Procedure:**

* + - * Go to Mapping
      * Connect Source and Target
      * Use Transformation
      * Connect All and then Save it
      * Go to menu> mapping> Click on validate

**Input Value/Test Data:**

Sources: ORDER\_10, PRODUCT\_10

Target **:** TRG\_PROFIT\_MARGIN\_SP1

**Transformation:**

1. Joiner **-** joint condition is used to join fields between the two sources.
2. Aggregator- Aggregator is used to group and calculate profit & margin of products based on branch name.

**Expected Result:**

1. Check Mapping => Mapping is validate
2. Go to workflow => Message in workflow manager status bar: “Workflow wf\_s\_m\_map\_profit\_margin\_sp1 is valid”

**Actual Result:** Message in workflow manager status bar: ”Workflow wf\_s\_map\_profit\_margin\_sp1 is valid”

**Remarks** : **Pass**

**Tester comments:**

The data from source tables i.e. ORDER\_10 and PRODUCT\_10 are joined together to calculate the profit. This is used to calculate accurate profit each Branchwise.

**Test Case ID: T2**

**Test Case Purpose**: Validate Mapping m\_map\_buying\_trends\_sp1, Validate Workflow

wf\_s\_ m\_map\_buying\_trends\_sp1

**Test Procedure:**

* + - * Go to Mapping
      * Connect Source and Target
      * Use Transformation
      * Connect All and then Save it
      * Go to menu> mapping> Click on validate

**Input Value/Test Data:** Connect Sources and Target tables

Source Table **:** CUSTOMER\_10

Target Table: TRG\_BUYING\_TRENDS\_SP1

**Transformation:**

**Aggregator:**  COUNT Aggregator is used to group and count product name

**Rank :** RANK is used to rank Buying products.

**Expected Result:**

1. Check Mapping=> Mapping is validate
2. Go to workflow > Message in workflow manager status bar: “Workflow

wf\_s\_ m\_map\_buying\_trends\_sp1 is valid”

**Actual Result:** Message in workflow manager status bar : ”Workflow

wf\_s\_ m\_map\_buying\_trends\_sp1 is valid”

**Remarks** : **Pass**

**Tester comments:**

The data is retrieved from CUSTOMER\_10 in order to count the most purchased product and rank it. This table is useful to know the current buying trends. The output will be show in sql.