**UNIT TESTING**

**#1) Test Case ID: T1**

**Test Case Purpose:**Validate workflow – wf\_s\_m\_map\_profit\_margin\_sp1

**Test Procedure:**

* Go to workflow manager
* Open workflow
* Workflows menu-> click on validate

**Input Value/Test Data:**Sources and targets are available and connected

Sources : ORDER\_10, PRODUCT\_10  
Mappings : m\_map\_profit\_margin\_sp1  
Targets : TRG\_ PROFIT\_MARGIN\_SP1  
Session : s\_m\_map\_profit\_margin\_sp1

**Transformations:**

1.Joiner : A join condition matches fields between the two sources [ORDER\_10, PRODUCT\_10].

2.Aggregator: Aggregator is used to group and calculate profit & margin of products based on branch name.

**Expected Results:**Message in workflow manager status bar: “Workflow wf\_s\_m\_map\_profit\_margin\_sp1 is valid “

**Actual Results:**Message in workflow manager status bar: “Workflow wf\_s\_m\_map\_profit\_margin\_sp1 is valid

A screenshot of a computer

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**Remarks: Pass**

**Tester Comments:**

The data/columns is retrieved from 2 source tables i.e. ORDER\_10 and PRODUCT\_10 are joined together to calculate the profit. This is useful to calculate accurate profit each Branch wise.

**#2) Test Case ID: T2**

**Test Case Purpose:**Validate workflow – wf\_s\_m\_map\_buying\_trends\_sp1

**Test Procedure:**

* Go to workflow manager
* Open workflow
* Workflows menu-> click on validate

**Input Value/Test Data:**Sources and targets are available and connected  
Sources : CUSTOMER\_10  
Mappings : m\_map\_buying\_trends\_sp1  
Targets : TRG\_BUYING\_TRENDS\_SP1

Session : s\_m\_map\_buying\_trends\_sp1

**Transformations:**

1.Aggregator: COUNT Aggregator is used to group and count Product name

2.Rank: RANK Transformation is used to rank Buying Products according to customer preference.

**Expected Results:**Message in workflow manager status bar: “Workflow wf\_s\_m\_map\_buying\_trends\_sp1 is valid “

**Actual Results:**Message in workflow manager status bar: “Workflow wf\_s\_m\_map\_buying\_trends\_sp1 is valid “

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**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.