Module 4: Set Tests

Exercise 4-1: Creating and Running Set Tests

Scenario:

- In this lab, you set up each of the four set tests.
- You successfully run the four set tests, and interpret the test results.

Goals:

- Correctly create one of each of the four set tests:
  - o   SetA_in_B
  - o   SetB_in_A
  - o   Set_AinB
  - o   Set_ANotInB
- Run the set tests and analyze the results.

Duration: 10 minutes

Instructions

Step 1.   Create a new table pair

1)   In the Navigator, click the **DVO_Training** folder.

2)   Right-Click and select **Add Table Pair.**

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3)   In the Table Pair Editor, select the following:
Table A: SRCEMPLOYEES
Conn A: DVO_Training_Oracle
Table B: LKPSTATE
Conn B: DVO_Training_Oracle
Description: MODULE 5 SRCEMPLOYEES-LKPSTATE

4) Will you need to join the table pair, if you are only creating set tests? Please explain why.

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5) Click **Save**.

6) Create the four set tests

Table Pair Test Editor MODULE 4 SRCEMPLOYEES-LKPSTATE   ☒

Function:	SET_AinB
Field A:	STATE
Operator:	=
Field B:	STATEABBR

7) Create a test for SET_AinB with the following:
Function: SET_AinB
Field A: STATE
Field B: STATEABBR

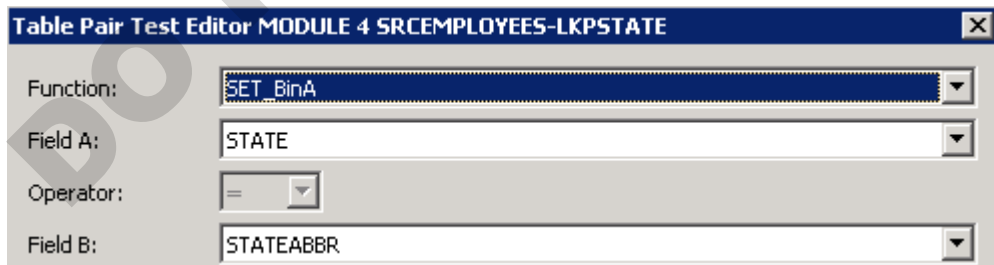**Note:** SET tests do not use operators. SET tests allow string, numeric and date/time data types.

Table Pair Test Editor MODULE 4 SRCEMPLOYEES-LKPSTATE   ☒

Function:	SET_BinA
Field A:	STATE
Operator:	=
Field B:	STATEABBR

8) Create a test for SET_BinA with the following:
Function: SET_BinA
Field A: STATE
Field B: STATEABBR

Table Pair Test Editor MODULE 4 SRCEMPLOYEES-LKPSTATE

Function:	SET_AeqB
Field A:	FIRSTNAME
Operator:	=
Field B:	STATEABBR

9) Create a test for SET_AeqB with the following:
   Function: SET_AeqB
   Field A: STATE
   Field B: STATEABBR

Table Pair Test Editor MODULE 4 SRCEMPLOYEES-LKPSTATE

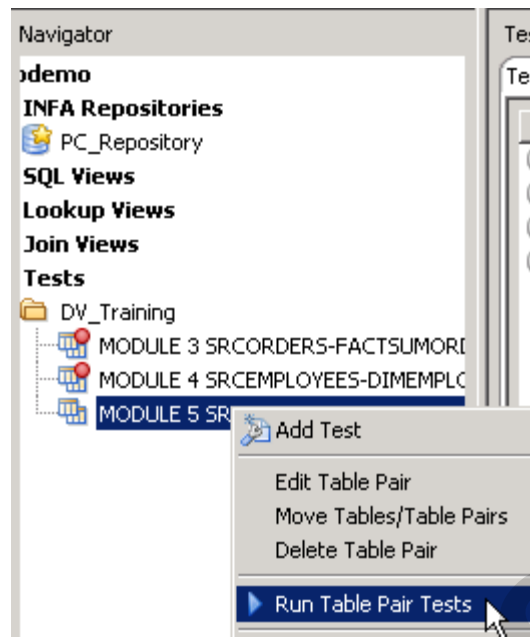| Function:	SET_ANotInB
Field A:	STATE
Operator:	=
Field B:	STATEABBR

10) Create a test for SET_ANotInB with the following:
    Function: SET_ANotInB
    Field A: STATE
    Field B: STATEABBR

Step 2.   Run tests and examine results

1) In the Navigator, click **MODULE 5 SRCEMPLOYEES-LKPSTATE**.

2) Right-click and then click **Run Table Pair Tests**.

3) Review the test results for the SET_AinB test. Why are the bad records listed considered bad in this case?

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4) Review the test results for the SET_BinA test. Why are the bad records listed considered bad in this case?

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5) Review the test results for the SET_AEqB test. Why are the bad records listed considered bad in this case?

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6) Review the test results for the SET_ANotInB test. Why are the bad records listed considered bad in this case?

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7) What kind of testing scenarios can be accomplished by using set tests?

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Data Validation Option v9.x Training - IVA