

# How to create Attribute Views in SAP HANA Studio

08/21/2015

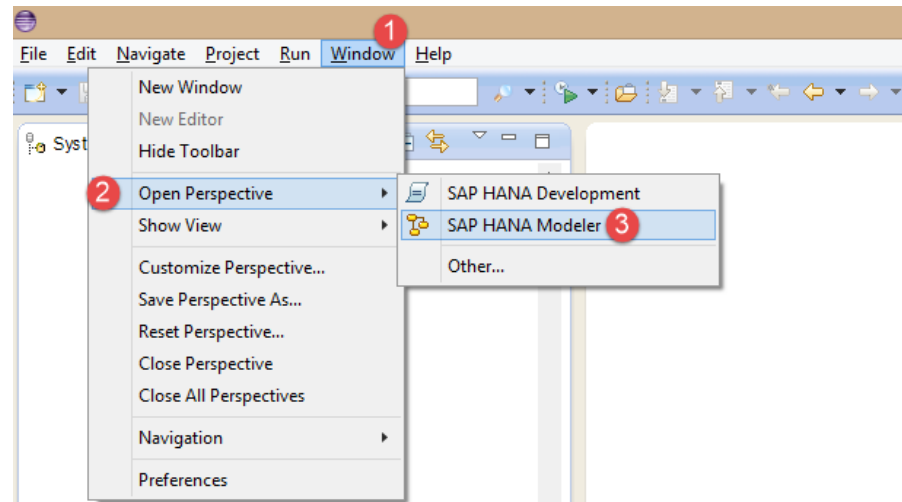
Hello everyone, in this SAP HANA Modeling tutorial we will learn how to create Attribute Views in SAP HANA Studio.

## Prerequisites

1. You should have installed SAP HANA Studio in your local machine.
2. You should have connected to HANA system with your HANA DB Credentials.

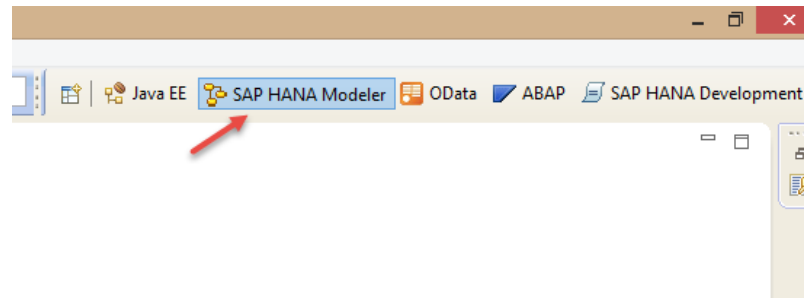
## Step-By-Step Procedure

1. Navigate to **Window** → **Open Perspective** → **SAP HANA Modeler** to change the perspective of your HANA Studio to SAP HANA Modeler (OR) Select the SAP HANA Modeler perspective in the perspective shortcut which is at the top right corner of your SAP HANA Studio.



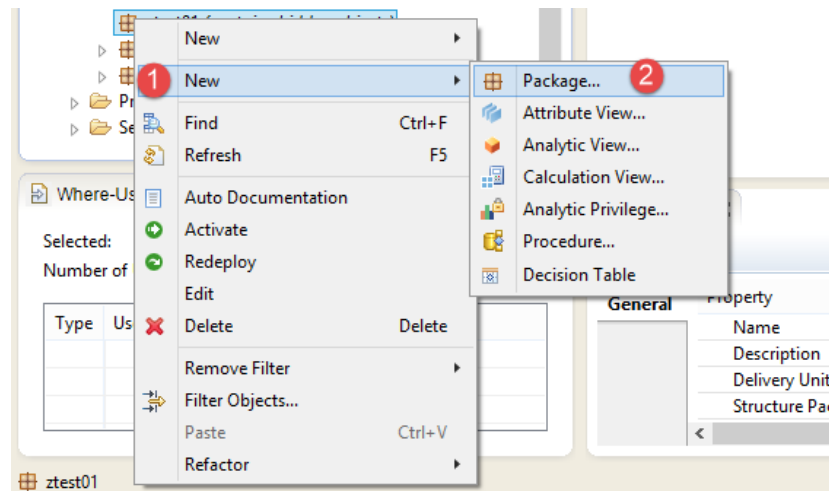
SAP HANA Modeler Perspective

OR



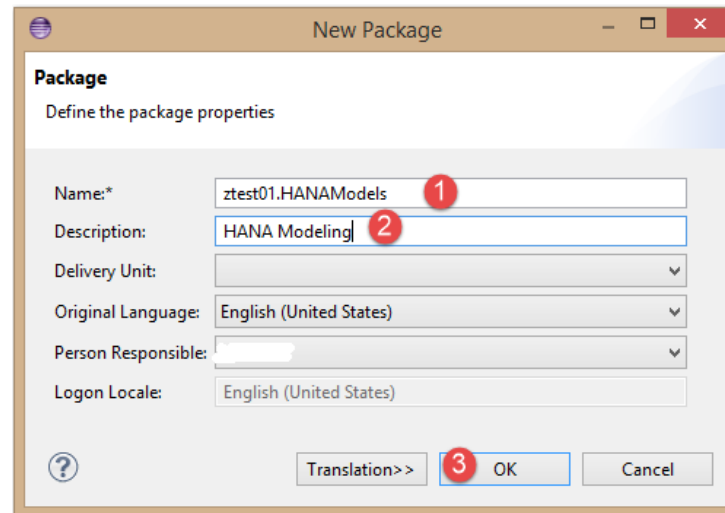
*SAP HANA Modeler in HANA Studio*

2. You will see four main folders **Catalog, Content, Provisioning and Security** in your HANA System. Expand the Content folder and create and **New Package**.



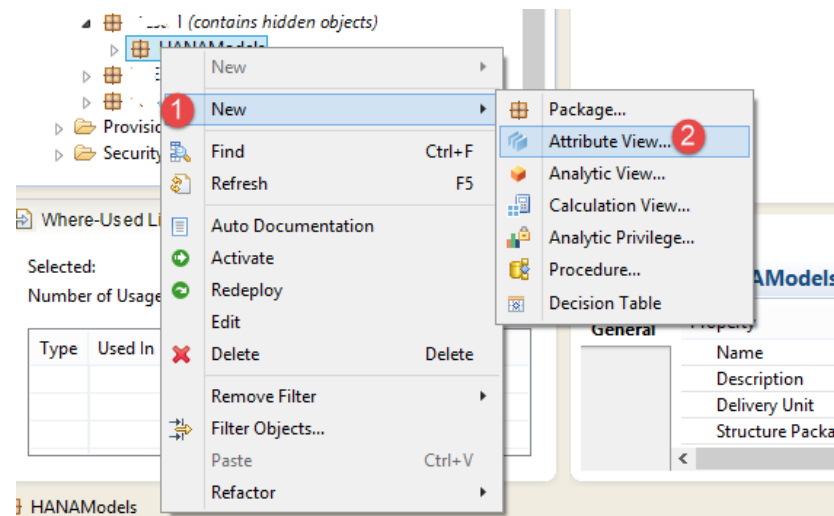
*New Package in SAP HANA Studio*

3. In the New Package Window, enter Name and Description and click on OK.



New Package Window

4. Right click on the package we created in the previous step and choose **New** → **Attribute View**.



Attribute View

5. In the **New Information View** window, enter **Name, Label** and click on **Finish**.

New Information View

### Create an Information View

Select the required view type and enter the details

Name:\* ZAV\_EMPLOYEE\_INFO 1

Label: Employees Information in the Company 2

Package:\* ...HANAModels Browse...

View Type: Attribute View

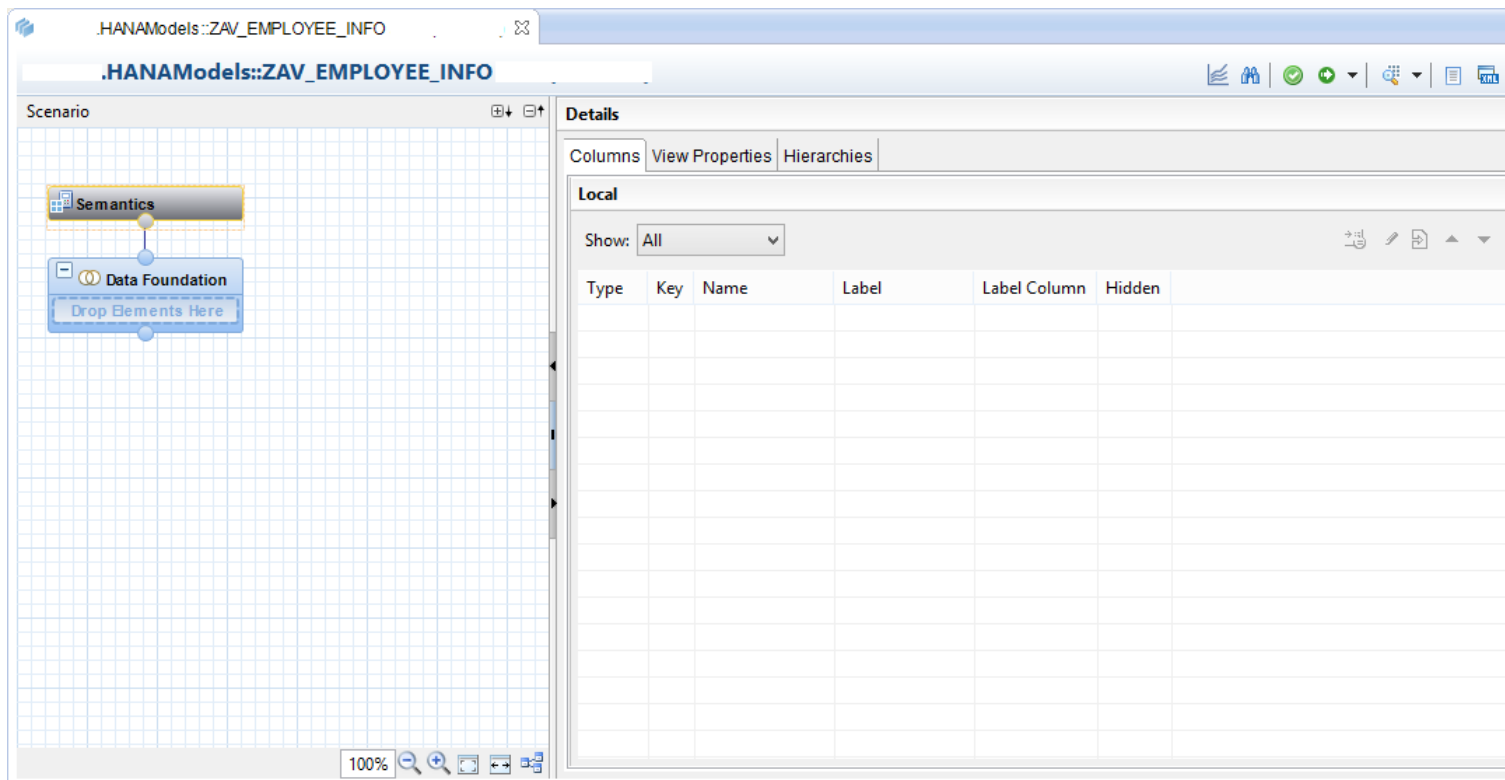
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Subtype: Standard

? 3 Finish Cancel

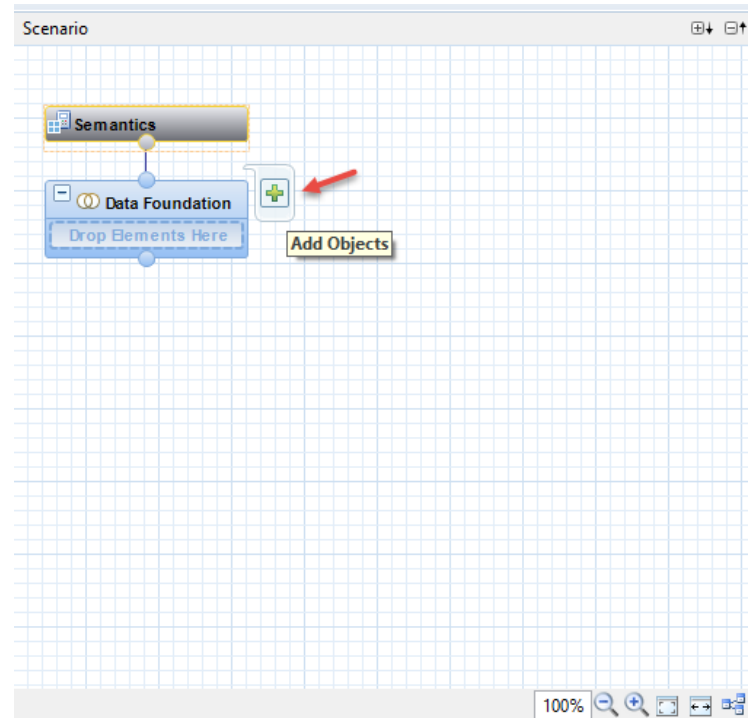
New Information View

6. A new HANA modeling view editor opens like below.



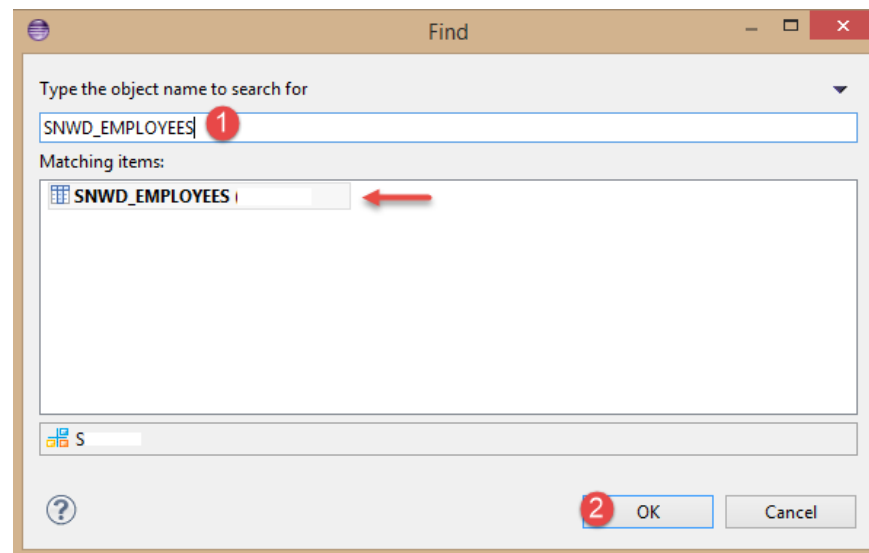
SAP HANA Modeling Editor

7. In the graphical editor of the HANA view editor, click on **Add Objects**. To see  you need to hover on Data Foundation node.



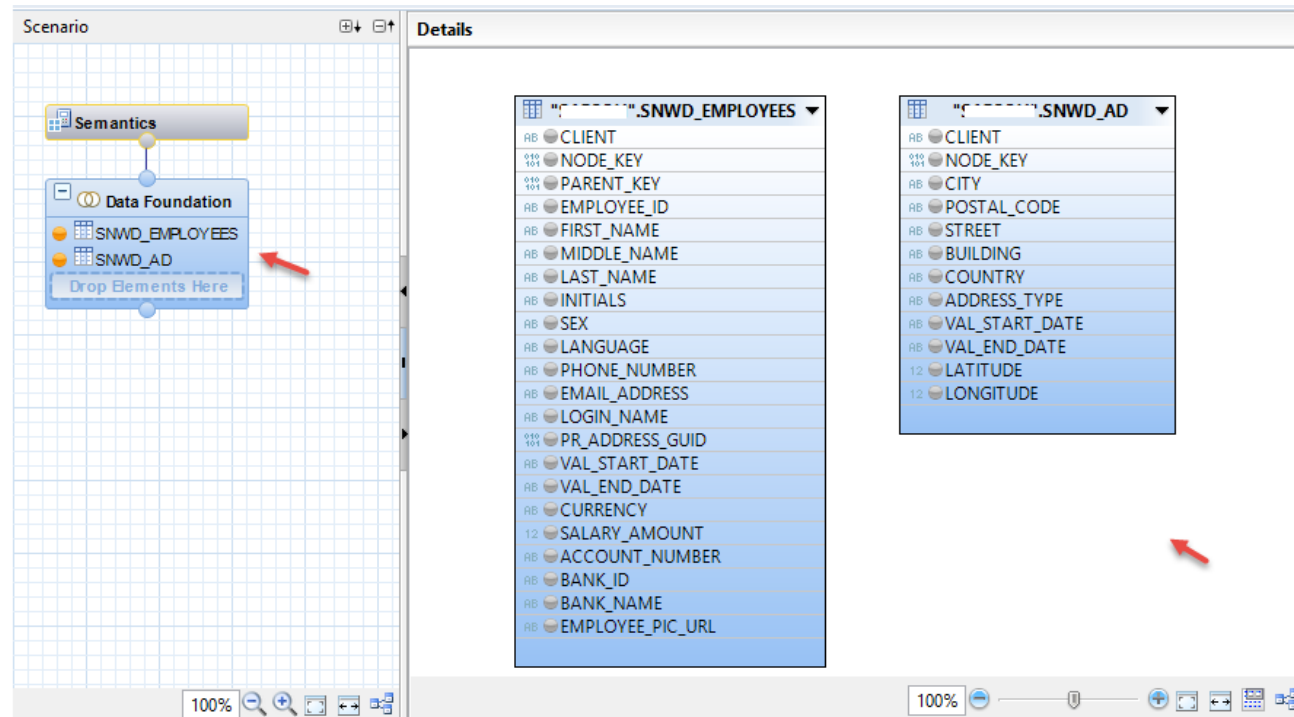
*Add Objects to Attribute View*

8. In this tutorial we are going to create Attribute View against Employee table in EPM data model. Tables used in this example are **SNWD\_EMPLOYEE** and **SNWD\_AD**. In the Find popup window search for these table and add them to the Data Foundation.



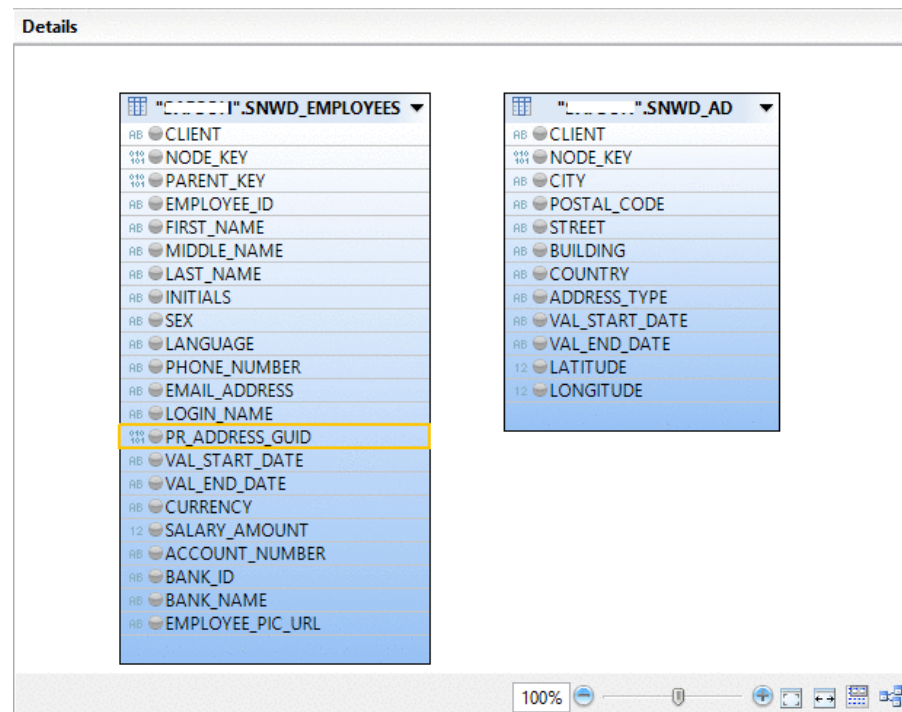
9. Repeat the Step-8 to add SNWD\_AD table as well.

10. Now you can see both or tables were added and can see that like below screen.



HANA Modeling Editor

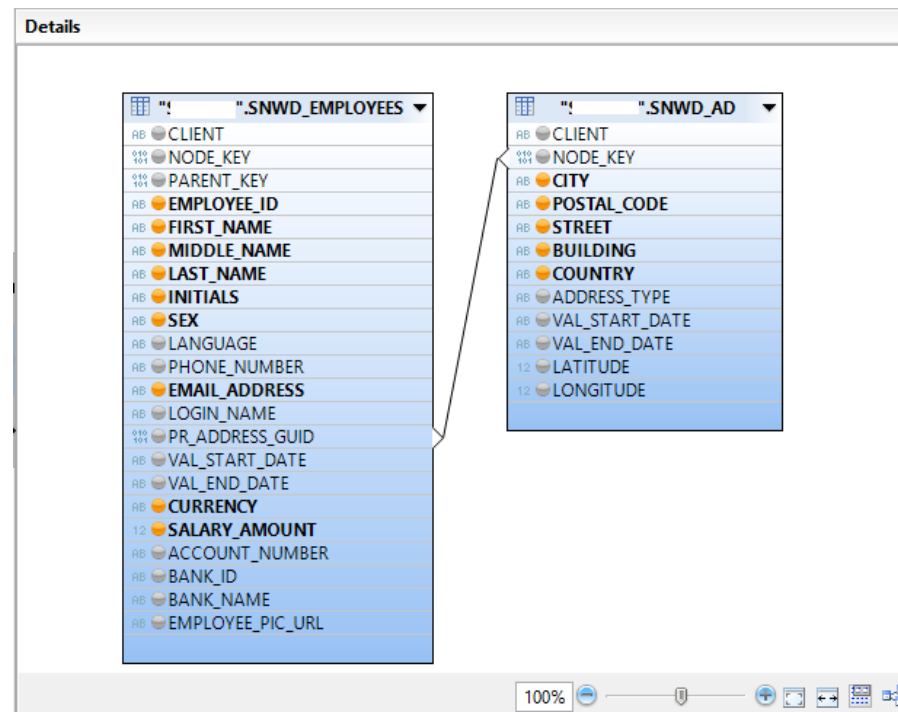
11. SNWD\_EMPLOYEES table employee information and SNWD\_AD stores the address of the employee. PR\_ADDRESS\_GUID is the field we can use to connect these two tables. Select this field and drag and drop to the NODE\_KEY field in the SNWD\_AD like below.



12. Now select the fields from these tables to show them in the output.


♦ **Tip:** To select the fields click on the circle which is left to the field until it turns to orange circle.



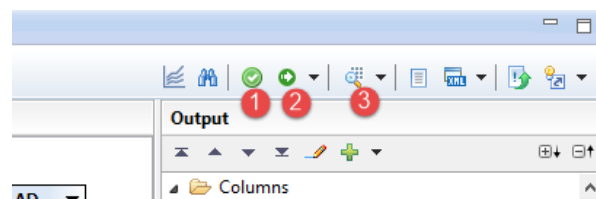


Output Fields in Attribute View

**13.** Now make the EMPLOYEE\_ID as key attribute in this Attribute View. Select the field in the Output section and change the Key property as True.

**14.** Save and active the Attribute View by clicking on the Save and Active  button on the top.

**15.** Now click on Data Preview button  to see the data in the Attribute View.



1. Save.
2. Save and Active.
3. Data Preview.

## Output of Attribute View

Analysis Distinct values Raw Data Show Log Max rows: 200

Filter pattern 33 rows retrieved - 556 ms Execute Add filter

EMPLOYEE_ID	FIRST_...	M.	LAST_NAME	SEX	EMAIL_ADDRESS	CURRENCY	SALARY_...	CITY	POSTAL_CODE	BUILDING
0000000001	Sally		Spring	F	sally.spring@itelo.info	USD	55,549	Antioch, Ill...	60002	54
0000000002	Susan		Summer	F	susan.summer@itelo.i...	USD	76,239	San Franci...	94101	6
0000000003	Franco		Fall	M	franco.fall@itelo.info	USD	85,962	San Franci...	94101	35
0000000004	Walter		Winter	M	walter.winter@itelo.info	USD	68,597	San Franci...	94101	8
0000000005	Maria		Hicks	F	maria.hicks@itelo.info	USD	49,876	New York	10011	17
0000000006	John		Dash	M	john.dash@itelo.info	USD	72,691	San Franci...	94101	10
0000000007	Viola	Sarah	Gains	F	viola.gains@itelo.info	USD	110,962	Antioch, Ill...	60002	32
0000000008	Randy		Gordon	M	randy.gordon@itelo.in...	USD	81,463	New York	10011	19
0000000009	Paul		Burke	M	paul.burke@itelo.info	USD	100,491	Antioch, Ill...	60002	59
0000000010	Michael		Miller	M	michael.miller@itelo.i...	USD	86,574	London	EC1Y8SY	25
0000000011	John		Nicols	M	john.nicols@itelo.info	USD	61,579	London	EC1Y8SY	24
0000000012	John		Smith	M	john.smith@itelo.info	USD	60,350	London	EC1Y8SY	18
0000000013	Joanne		Rush	F	joanne.rush@itelo.info	USD	70,000	Berlin	10001	28
0000000014	Sue		Bay	F	sue.bay@itelo.info	USD	98,631	San Franci...	94101	15
0000000015	James		Field	M	james.field@itelo.info	USD	76,395	London	EC1Y 8SY	38
0000000016	Hermann		Hecker	M	hermann.hecker@itelo...	USD	39,874	Berlin	14129	22
0000000017	Rudolf		Platte	M	rudolf.platte@itelo.info	USD	45,983	Berlin	10001	23
0000000018	Al		Wallace	M	al.wallace@itelo.info	USD	55,426	San Franci...	94101	16
0000000019	Jonathan		East	M	jonathan.east@itelo.info	USD	55,427	San Franci...	94101	22
0000000020	James		Smith	M	james.smith@itelo.info	USD	38,761	Berlin	10001	33
0000000021	Megan		Wang	F	megan.wang@itelo.info	USD	57,985	London	EC1Y8SY	27

Data in Attribute View

You have successfully created Attribute View in SAP HANA Studio.

Please stay tuned to us for more SAP HANA tutorials. Please feel free to comment and let us know your feedback. Your feedback will keep us alive.

Thank you. 😊



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