

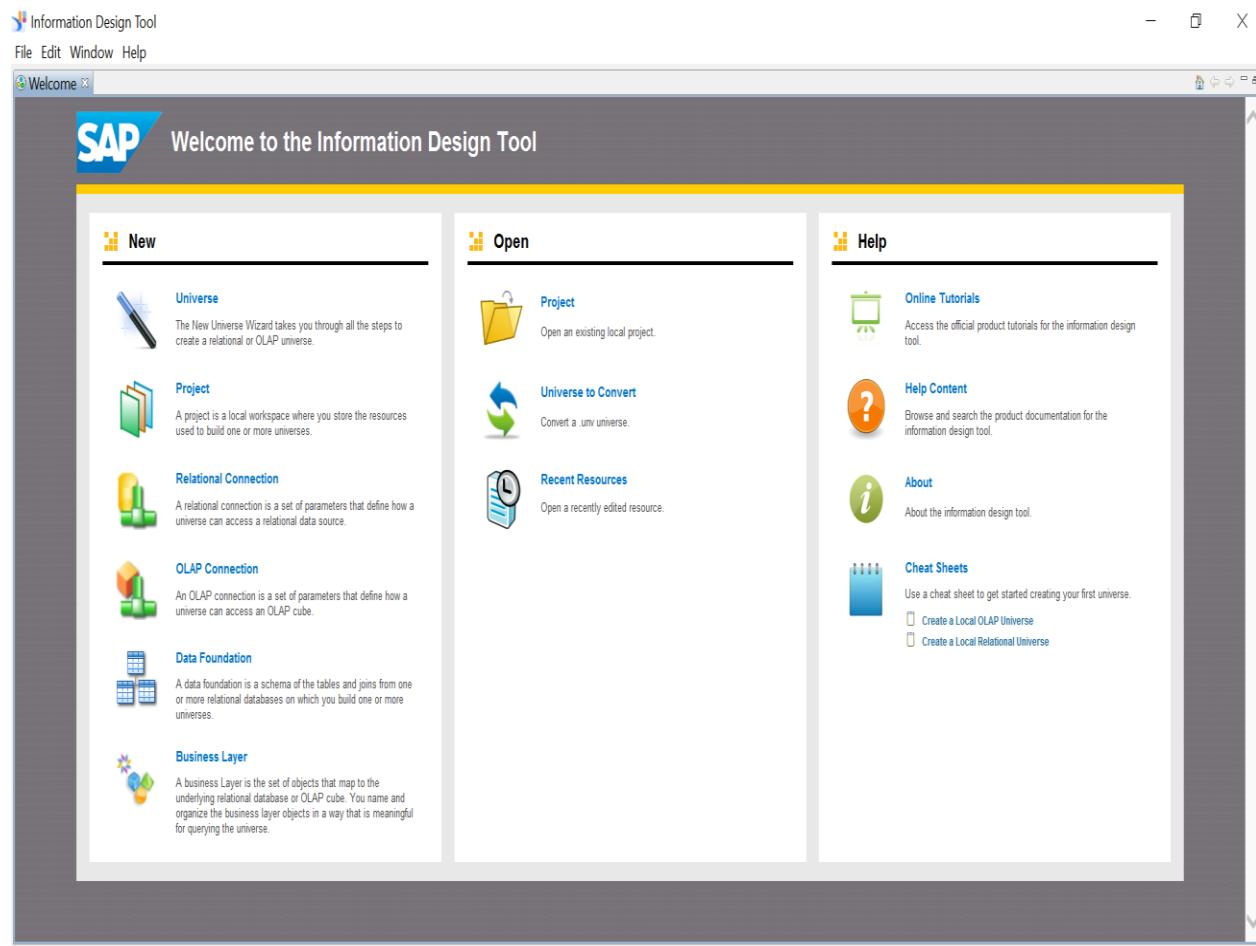
Fall 2017

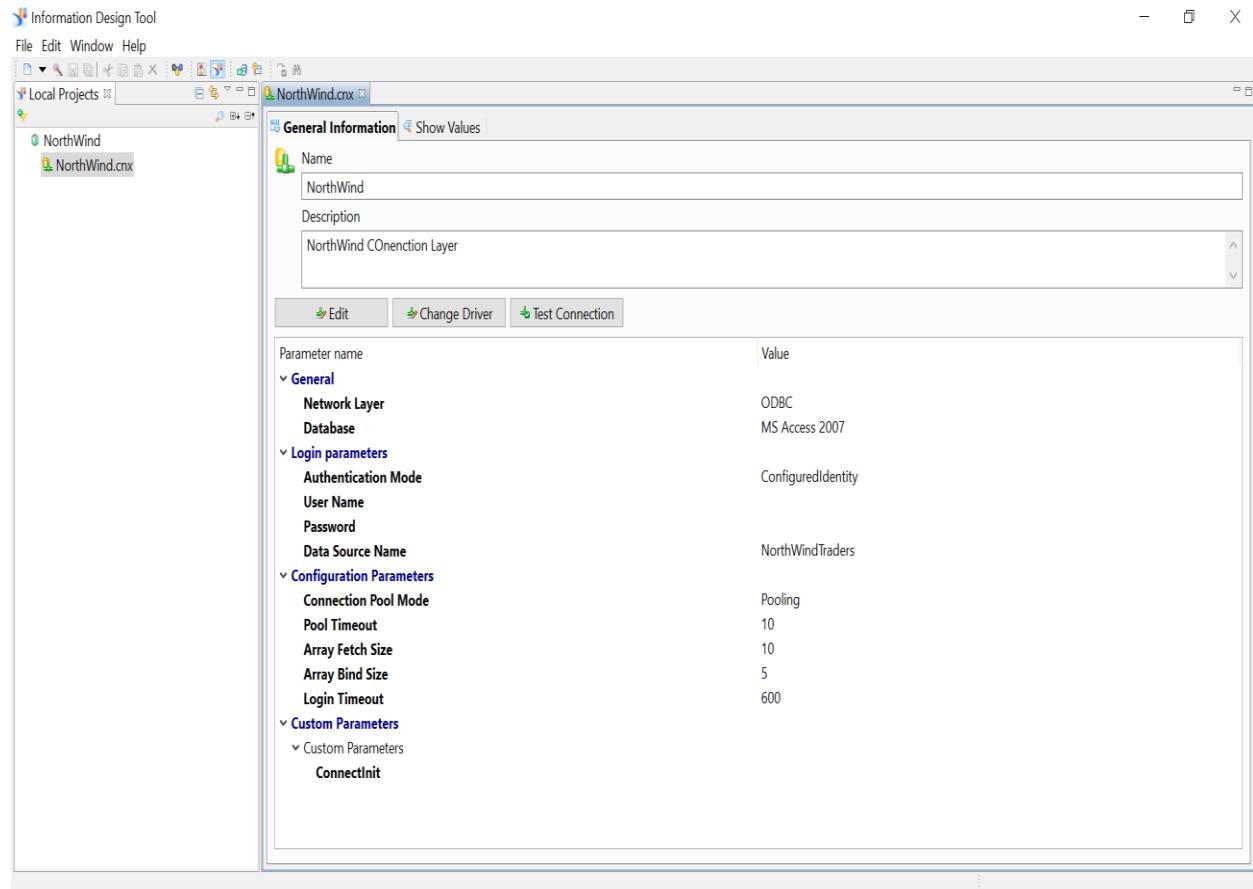
ACCT / MIS 6309 Business Data Warehousing

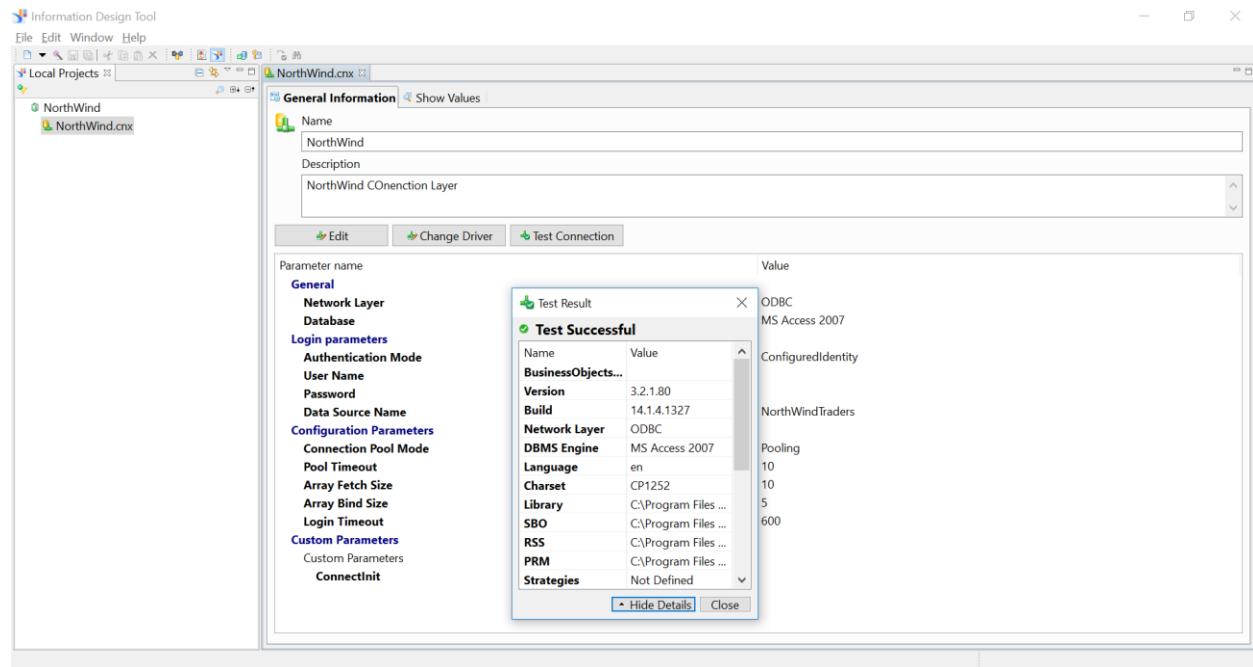
Lab #2

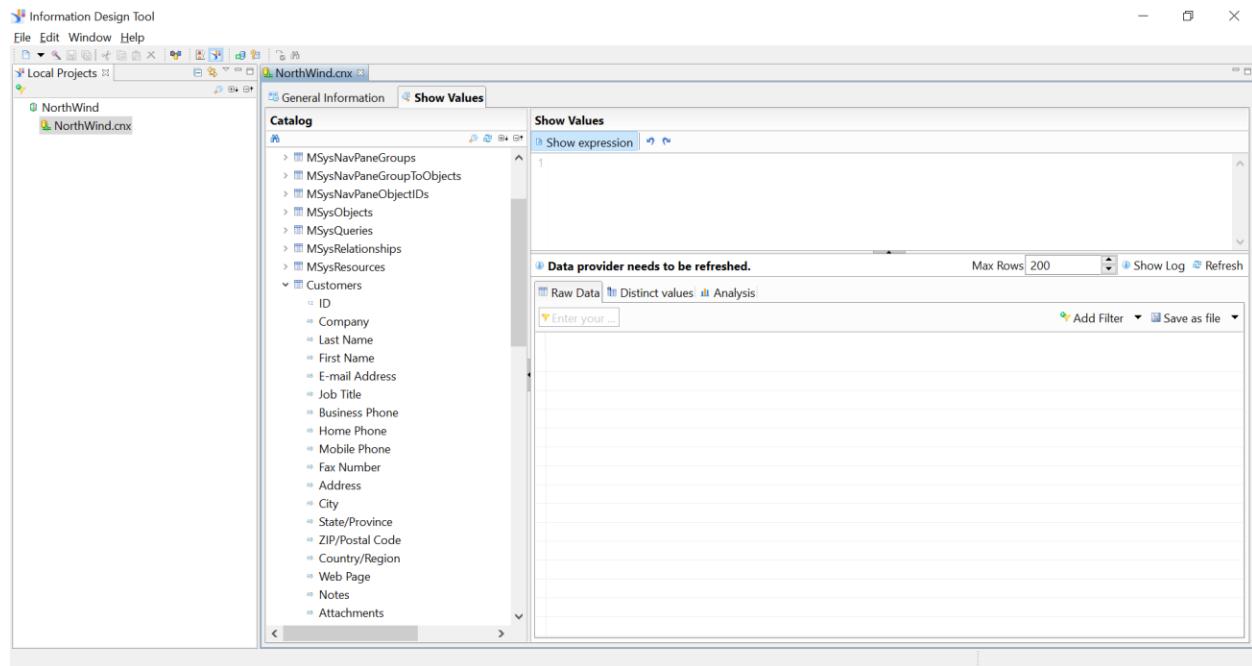
SAP BUSINESS OBJECTS

Prateek Rawat









Information Design Tool

File Edit Window Help

Local Projects NorthWind NorthWind.cnx

General Information Show Values

Catalog

- MSysNavPaneGroups
- MSysNavPaneGroupToObjects
- MSysNavPaneObjectIDs
- MSysObjects
- MSysQueries
- MSysRelationships
- MSysResources
- Customers
 - ID
 - Company
 - Last Name
 - First Name
 - E-mail Address
 - Job Title
 - Business Phone
 - Home Phone
 - Mobile Phone
 - Fax Number
 - Address
 - City
 - State/Province
 - ZIP/Postal Code
 - Country/Region
 - Web Page
 - Notes
 - Attachments

Show Values

Show expression

```

1 SELECT
2 *
3 FROM
4 Customers T

```

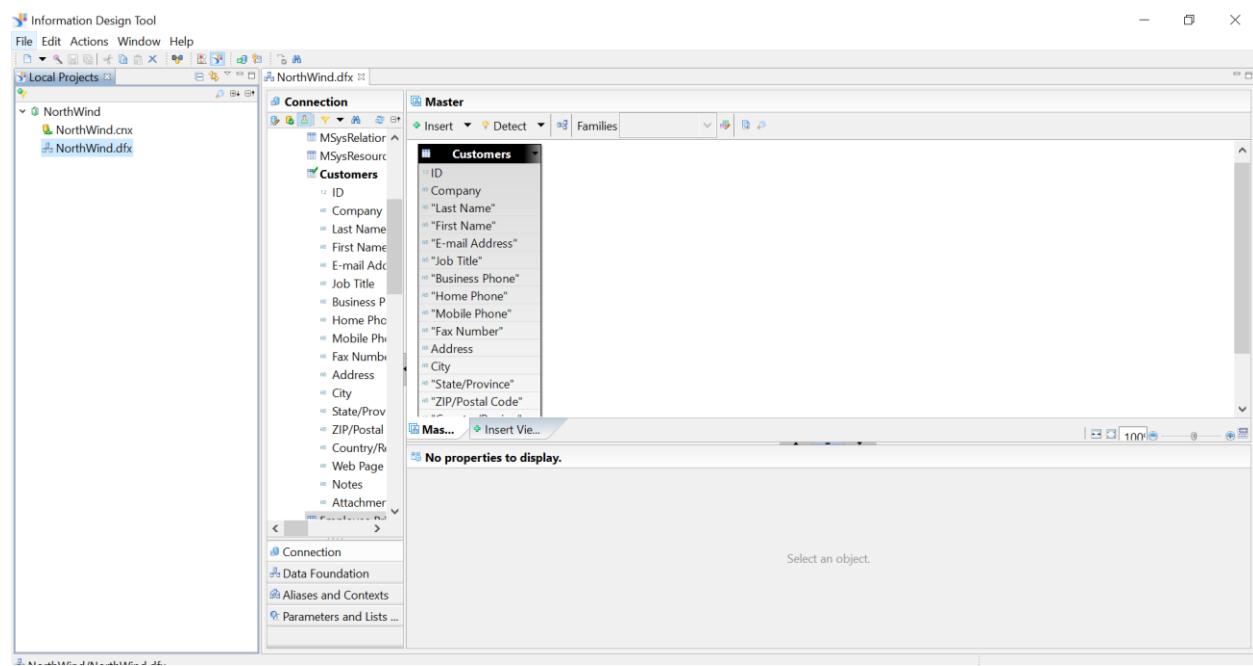
29 rows (47 ms)

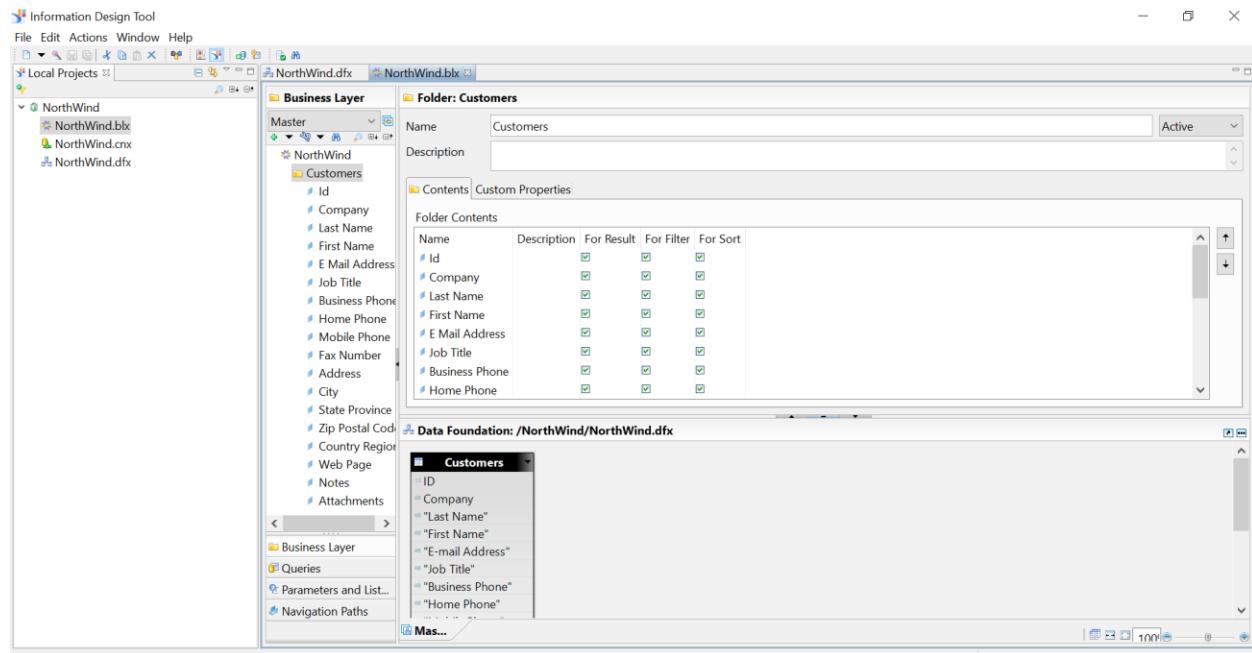
Raw Data Distinct values Analysis

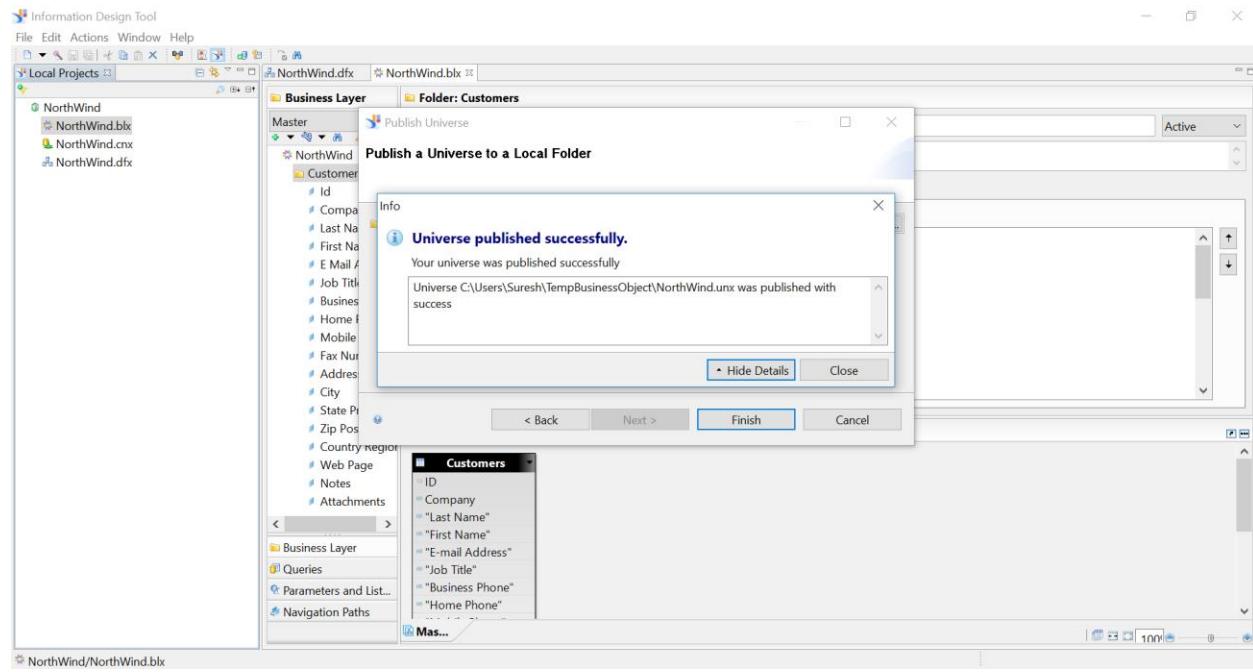
Enter your... Filtered rows: 29/29

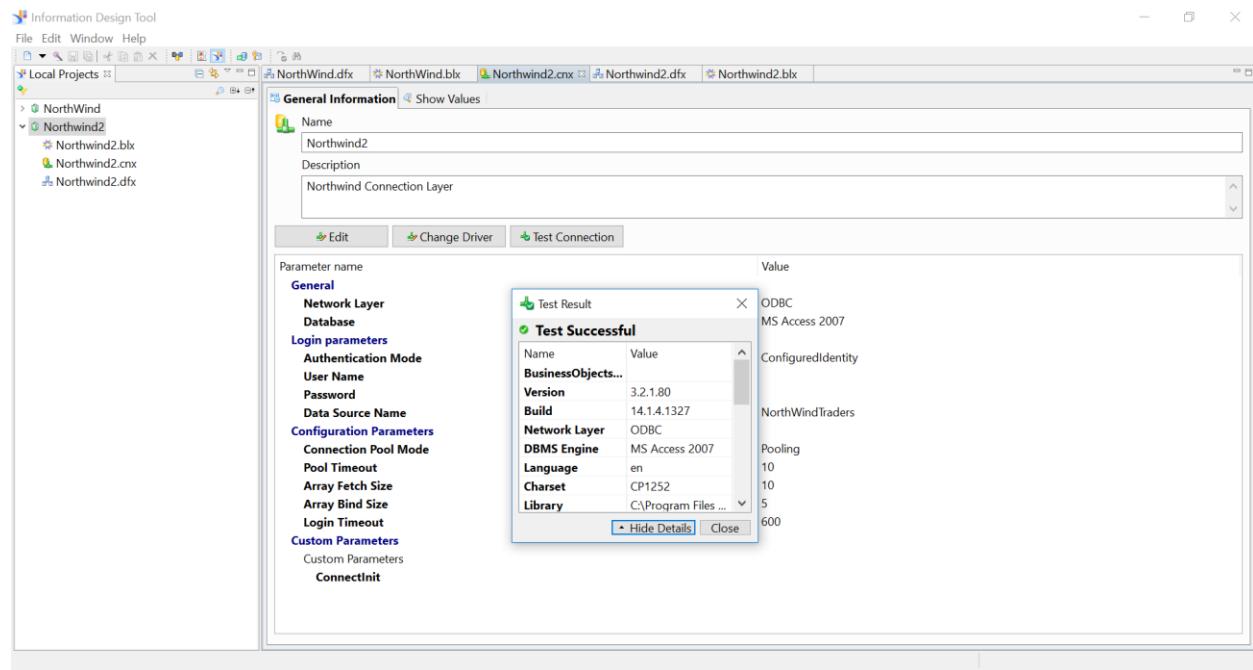
Add Filter Save as file

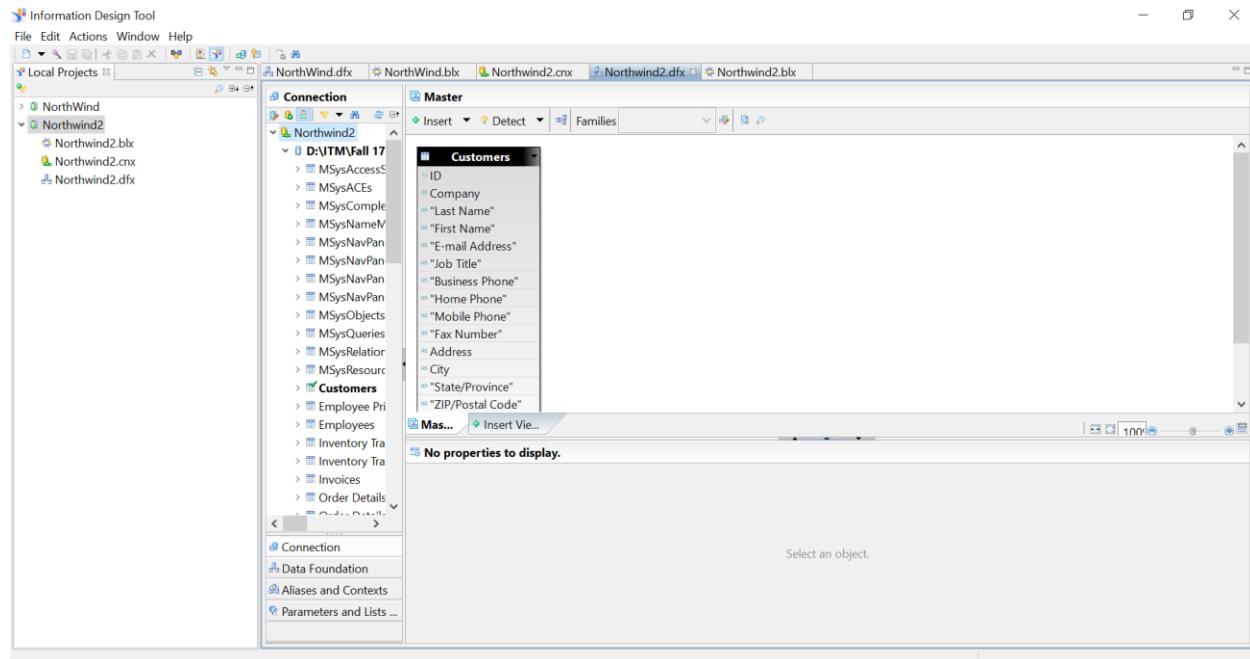
ID	Company	Last Name	First Name	E-mail Address	Job Title	Business Phone	Home Ph
1	Company A	Bedecs	Anna	<Null>	Owner	(123)555-0100	<Null>
2	Company B	Gratacos Sols...	Antonio	<Null>	Owner	(123)555-0100	<Null>
3	Company C	Axen	Thomas	<Null>	Purchasing ...	(123)555-0100	<Null>
4	Company D	Lee	Christina	<Null>	Purchasing ...	(123)555-0100	<Null>
5	Company E	O'Donnell	Martin	<Null>	Owner	(123)555-0100	<Null>
6	Company F	Pérez-Olaeta	Francisco	<Null>	Purchasing ...	(123)555-0100	<Null>
7	Company G	Xie	Ming-Yang	<Null>	Owner	(123)555-0100	<Null>
8	Company H	Andersen	Elizabeth	<Null>	Purchasing ...	(123)555-0100	<Null>
9	Company I	Mortensen	Sven	<Null>	Purchasing ...	(123)555-0100	<Null>
10	Company J	Wacker	Roland	<Null>	Purchasing ...	(123)555-0100	<Null>
11	Company K	Krschne	Peter	<Null>	Purchasing ...	(123)555-0100	<Null>
12	Company L	Edwards	John	<Null>	Purchasing ...	(123)555-0100	<Null>

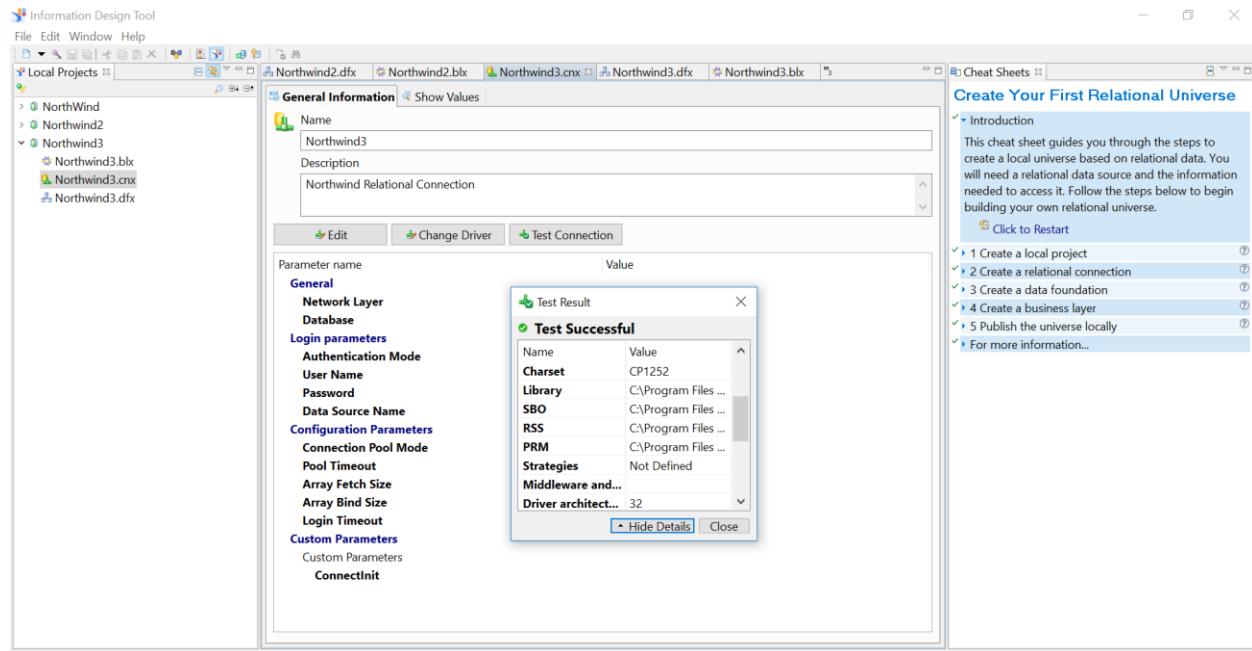


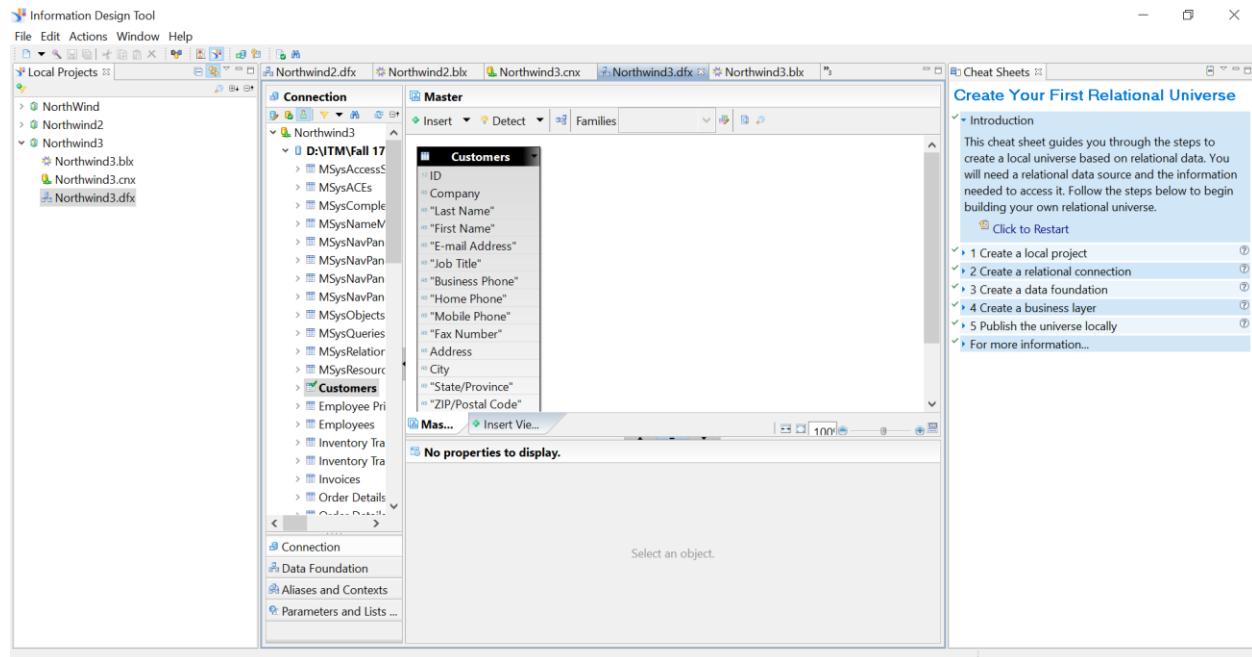












Information Design Tool

File Edit Actions Window Help

Local Projects

- NorthWind
- Northwind2
- Northwind3
 - Northwind3.blx
 - Northwind3.cnx
 - Northwind3.dfx

Business Layer

Master

Folder: Customers

Name	Customers			
Description				
Contents Custom Properties				
Folder Contents				
Name	Description	For Result	For Filter	For Sort
# Id		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
# Company		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
# Last Name		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
# First Name		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
# E Mail Address		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
# Job Title		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
# Business Phone		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
# Home Phone		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
# Mobile Phone		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
# Fax Number		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Data Foundation: /Northwind3/Northwind3.dfx

Customers

- ID
- Company
- "Last Name"
- "First Name"
- "E-mail Address"
- "Job Title"

Click to Restart

Create Your First Relational Universe

Introduction

This cheat sheet guides you through the steps to create a local universe based on relational data. You will need a relational data source and the information needed to access it. Follow the steps below to begin building your own relational universe.

1 Create a local project

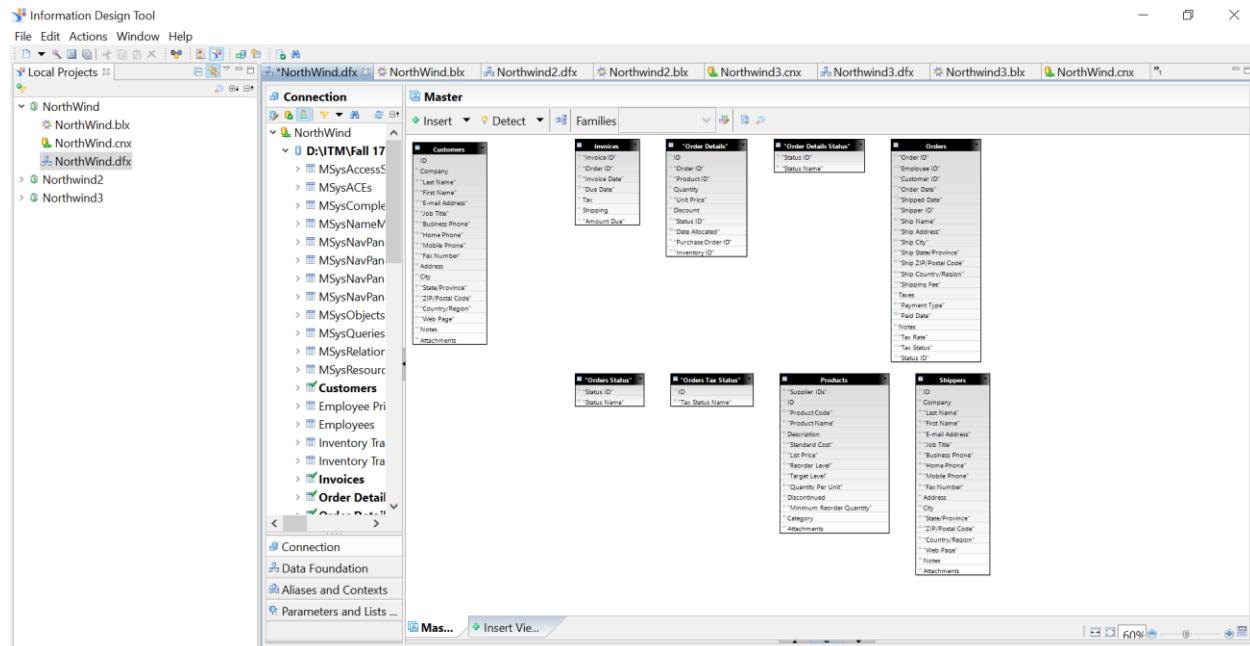
2 Create a relational connection

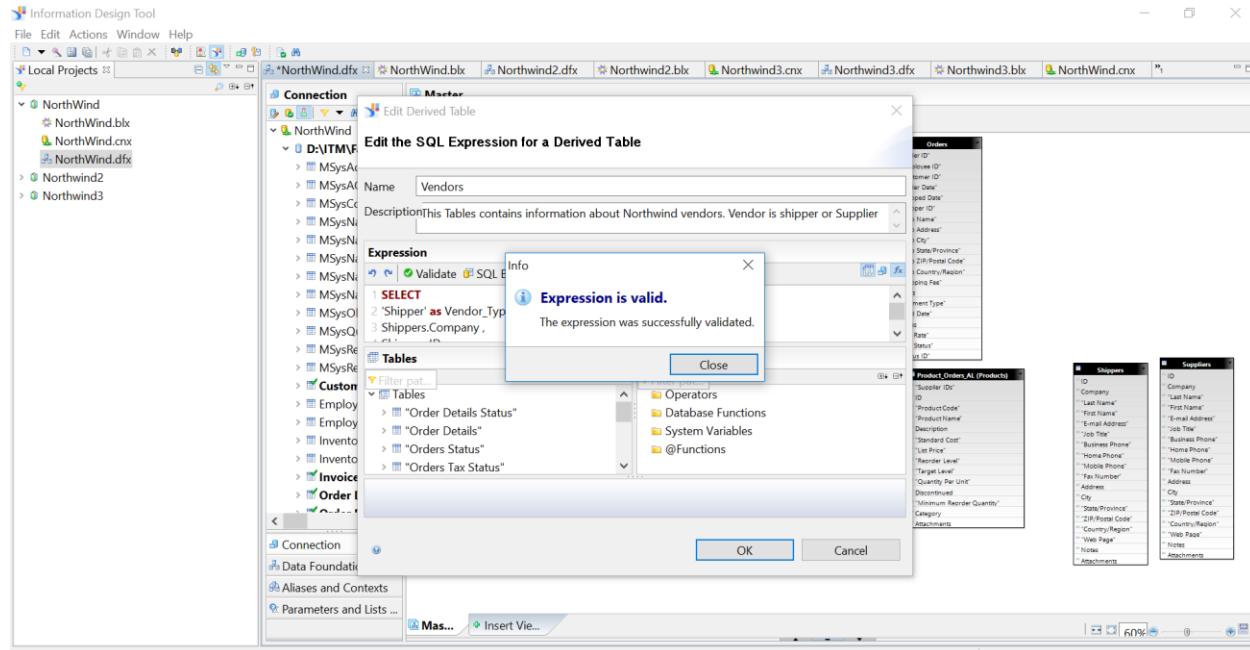
3 Create a data foundation

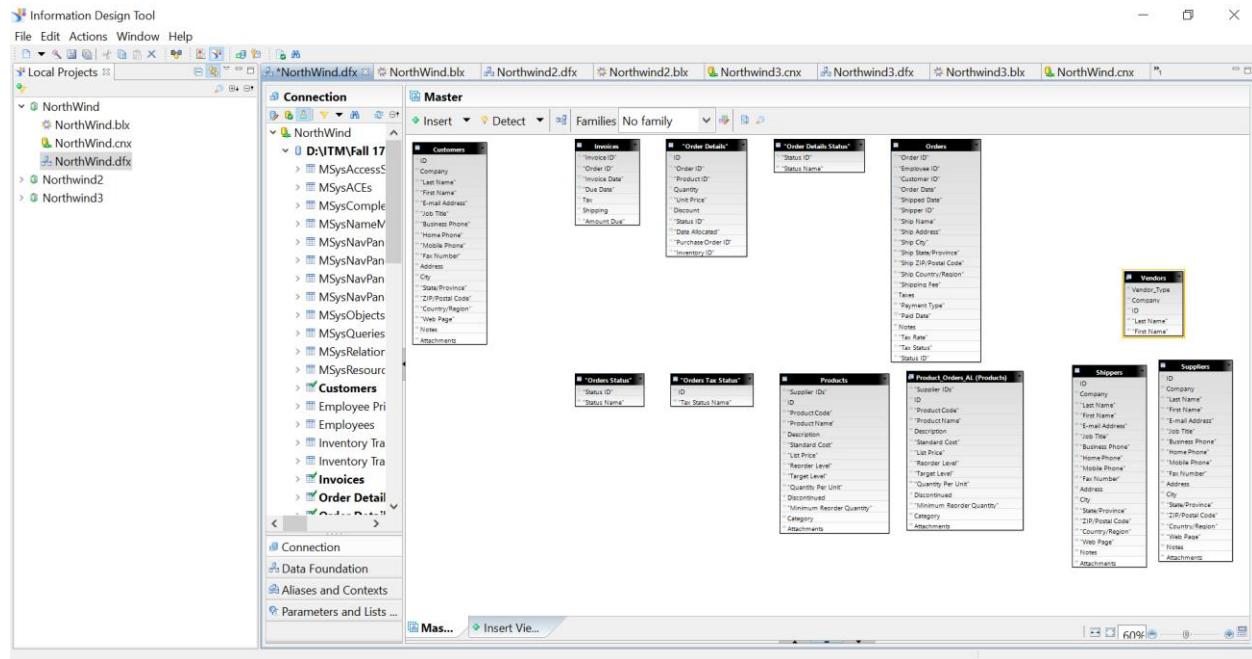
4 Create a business layer

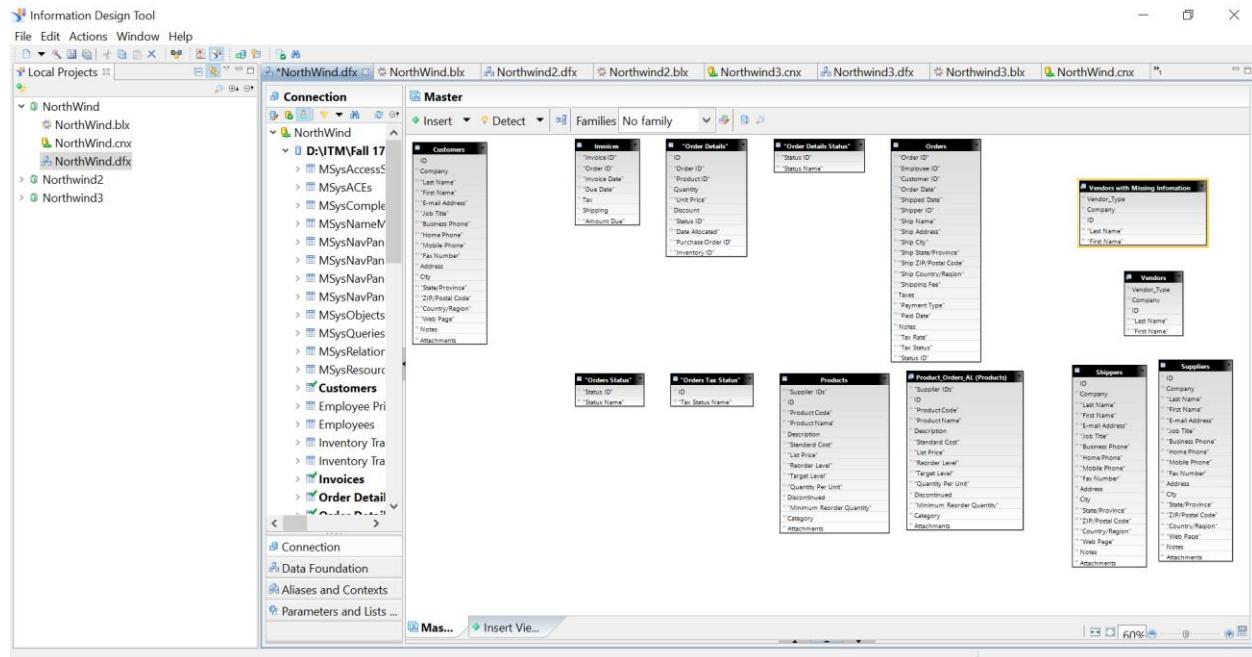
5 Publish the universe locally

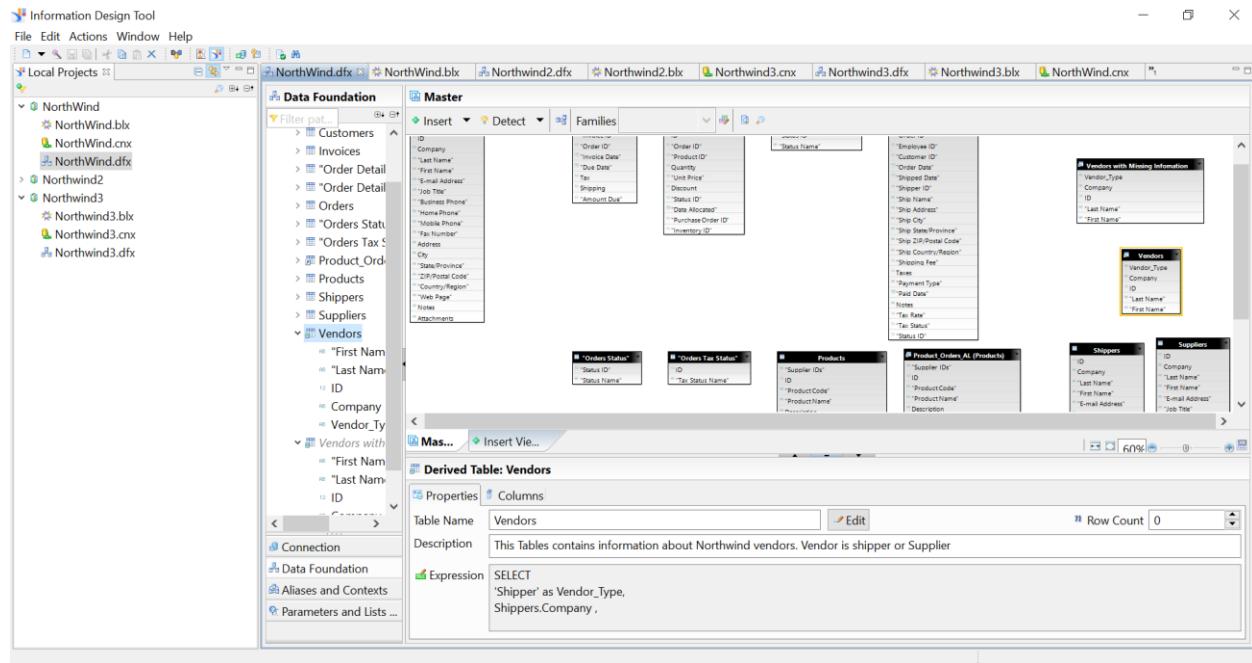
For more information...

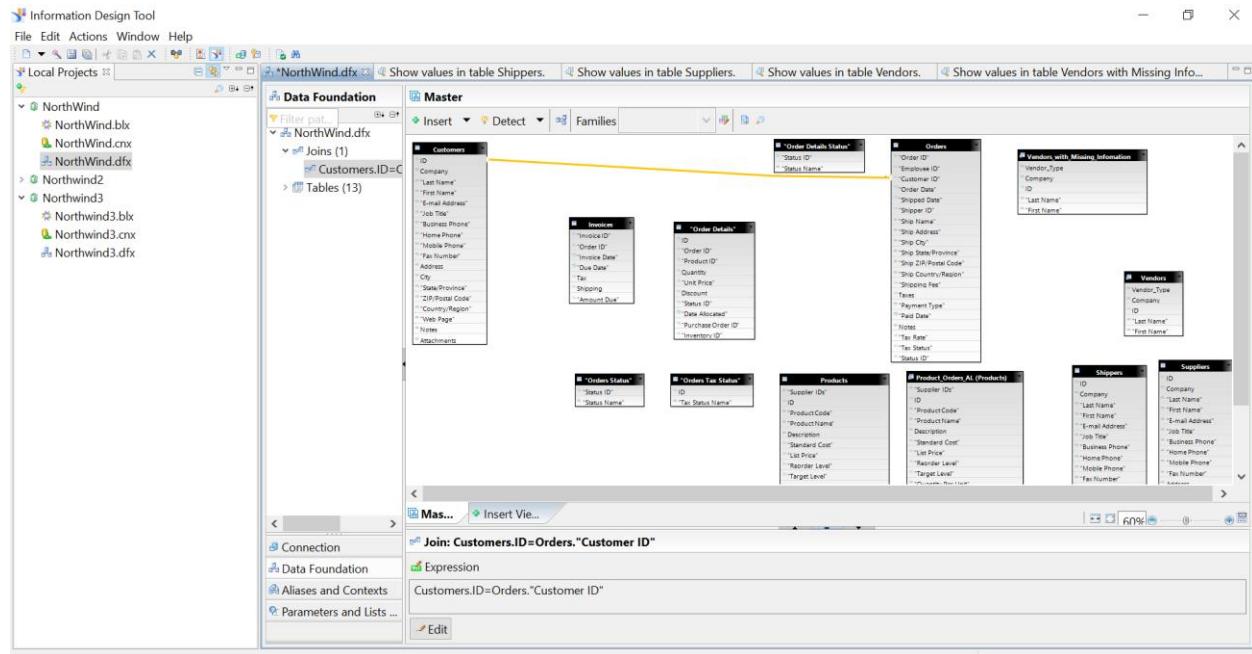












Information Design Tool

File Edit Window Help

Local Projects

NorthWind.dfx Show values in table Shippers. Show values in table Suppliers. Show values in table Vendors. Show values in table Vendors with Missing Inform...

NorthWind NorthWind.bbx NorthWind.cnx NorthWind.dfx

Northwind2 Northwind3 Northwind3.bbx Northwind3.cnx Northwind3.dfx

Show values in table Vendors with Missing Information. - 3 rows (47 ms)

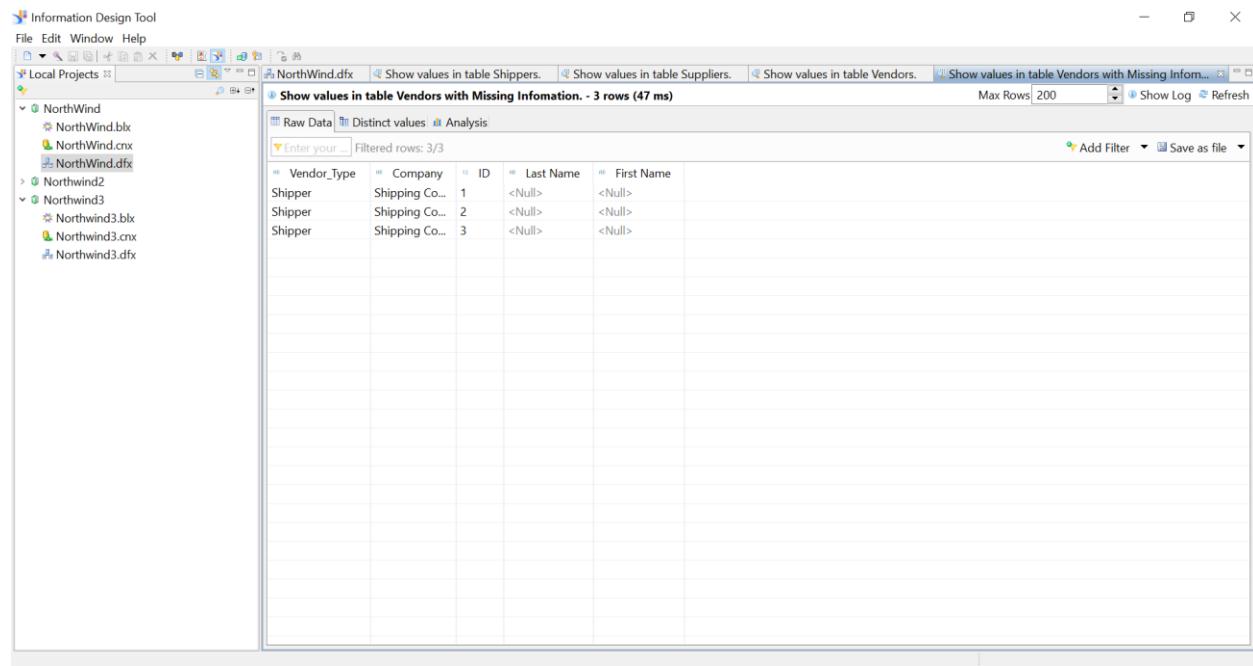
Raw Data Distinct values Analysis

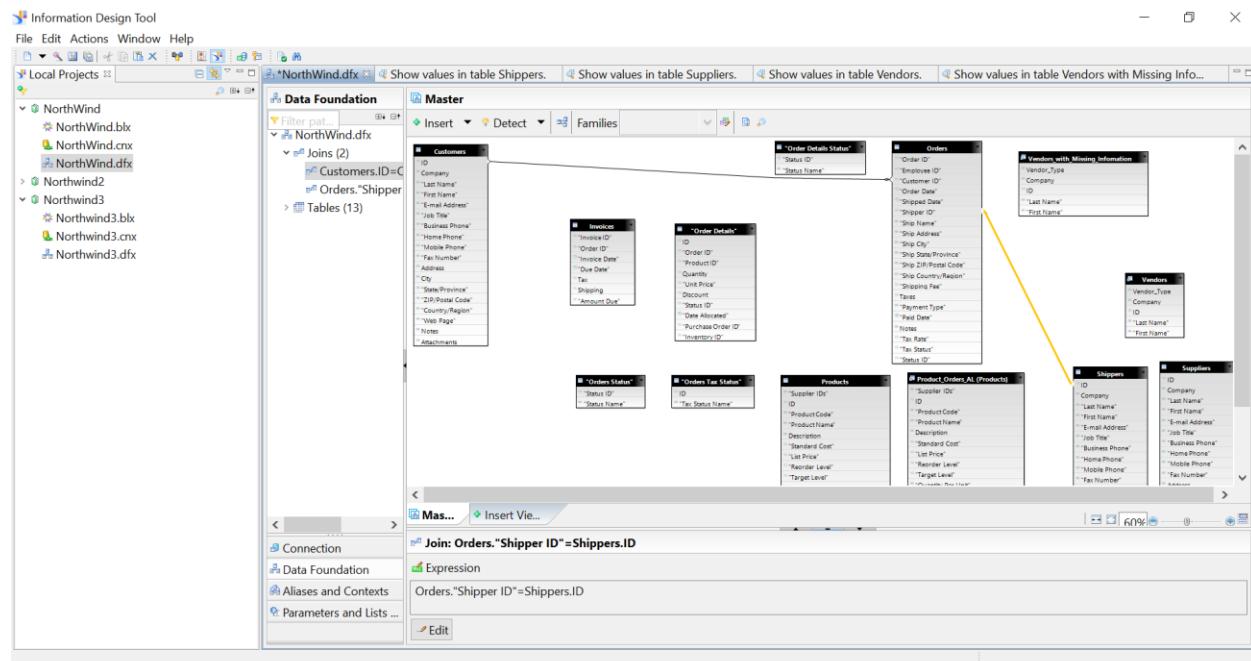
Enter your... Filtered rows: 3/3

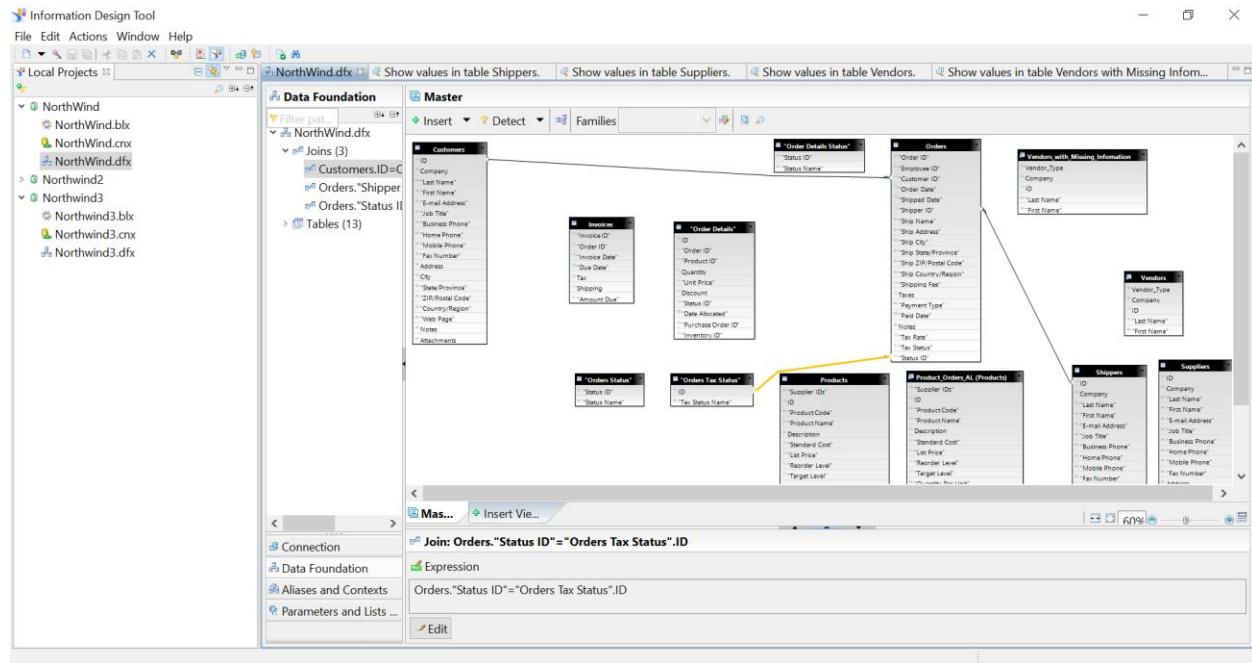
Vendor_Type	Company	ID	Last Name	First Name
Shipper	Shipping Co...	1	<Null>	<Null>
Shipper	Shipping Co...	2	<Null>	<Null>
Shipper	Shipping Co...	3	<Null>	<Null>

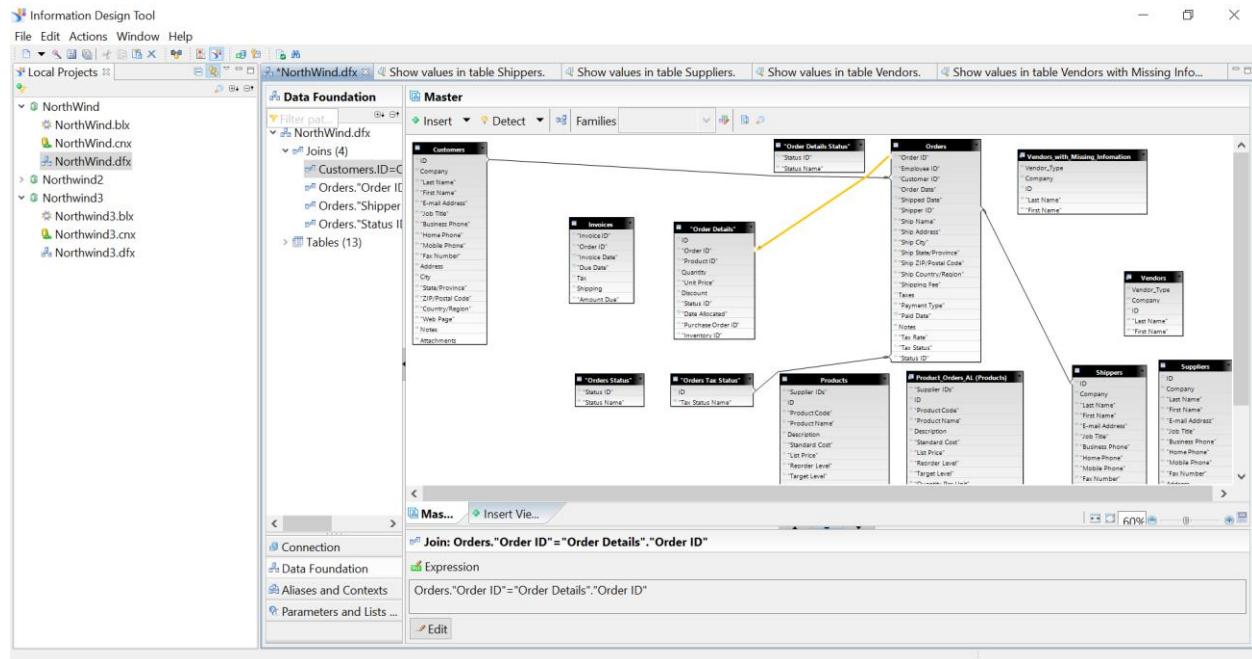
Add Filter Save as file

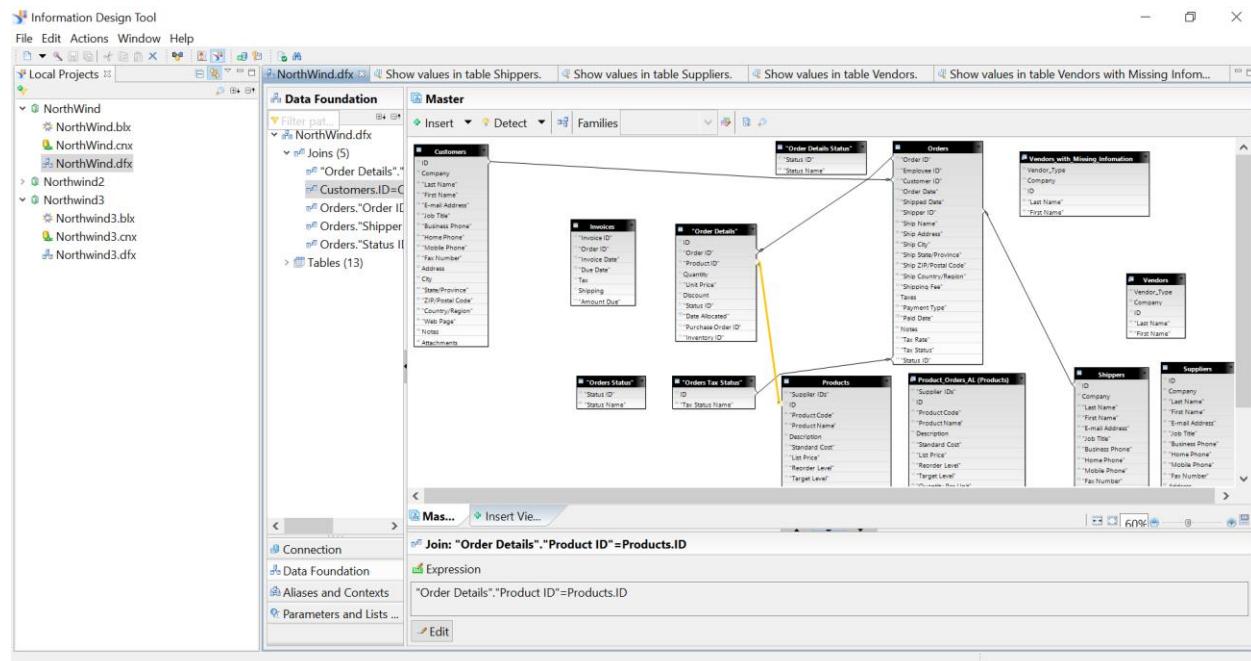
Max Rows: 200 Show Log Refresh

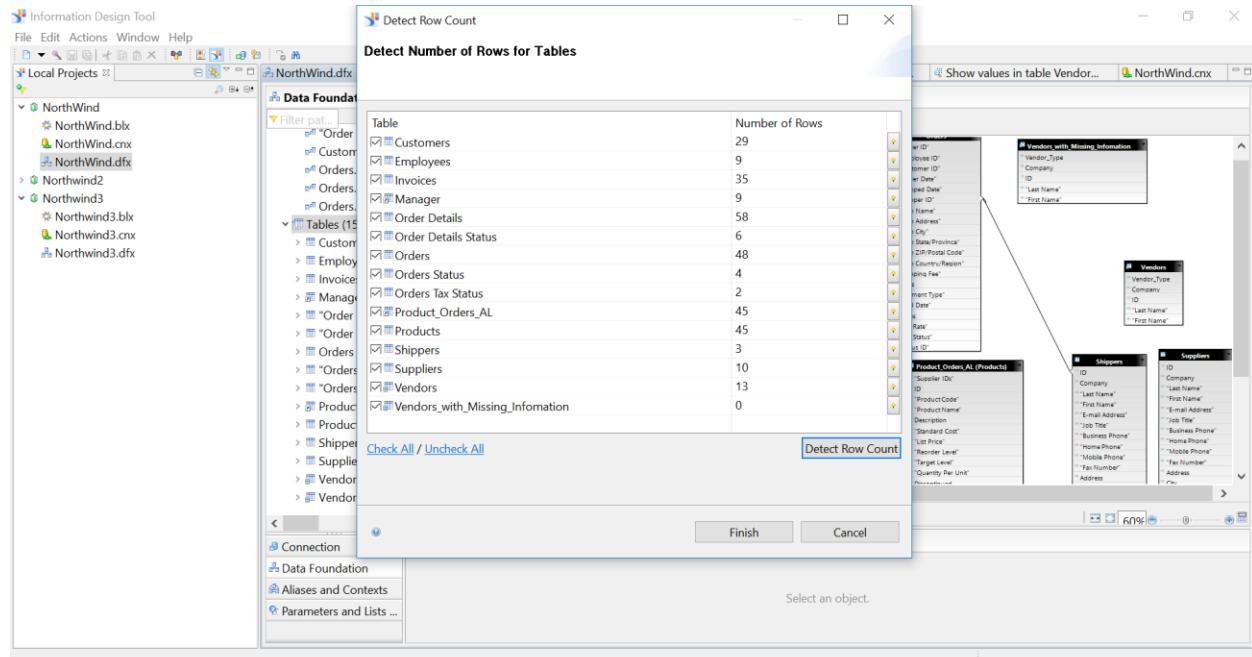
A screenshot of the SAP Information Design Tool (IDT) interface. The left sidebar shows local projects: NorthWind (selected), Northwind2, Northwind3, and Northwind3. The main area displays a table titled 'Show values in table Vendors with Missing Information. - 3 rows (47 ms)'. The table has four columns: Vendor_Type, Company, ID, Last Name, and First Name. The data shows three rows for 'Shipper' with 'Shipping Co...' as the company, ID values 1, 2, and 3, and all last and first names as '<Null>'. Navigation tabs at the top include 'Raw Data', 'Distinct values', and 'Analysis'. A search bar says 'Enter your...'. A status bar at the bottom shows 'Filtered rows: 3/3'.

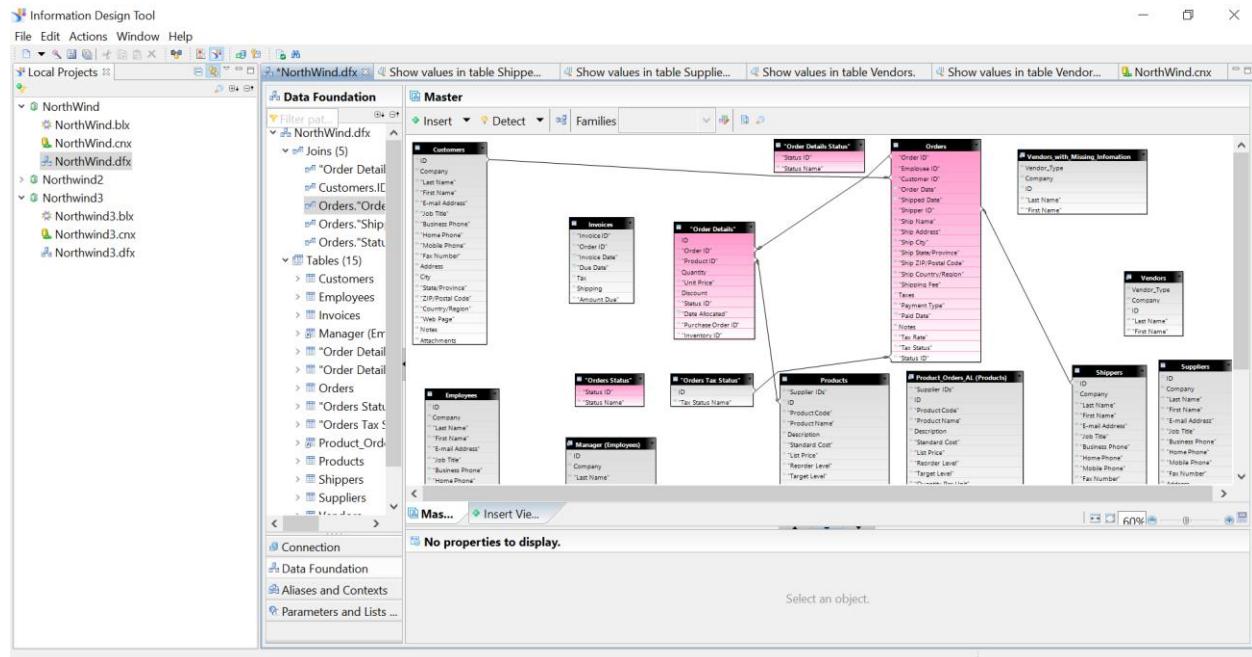


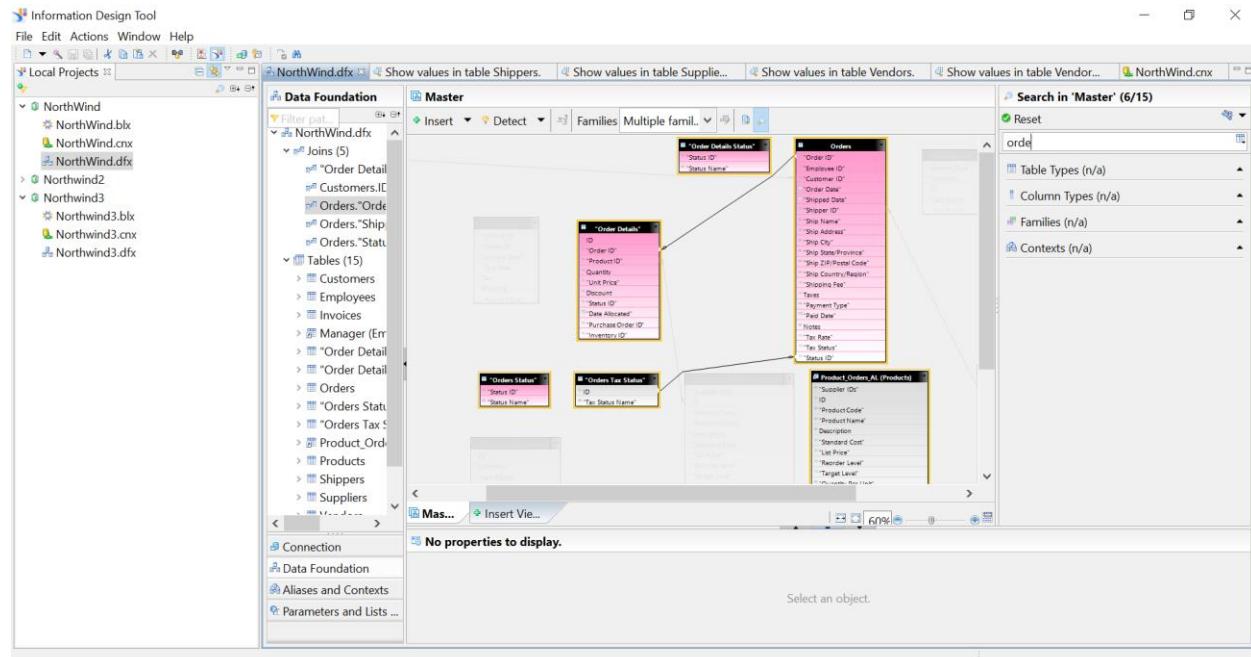


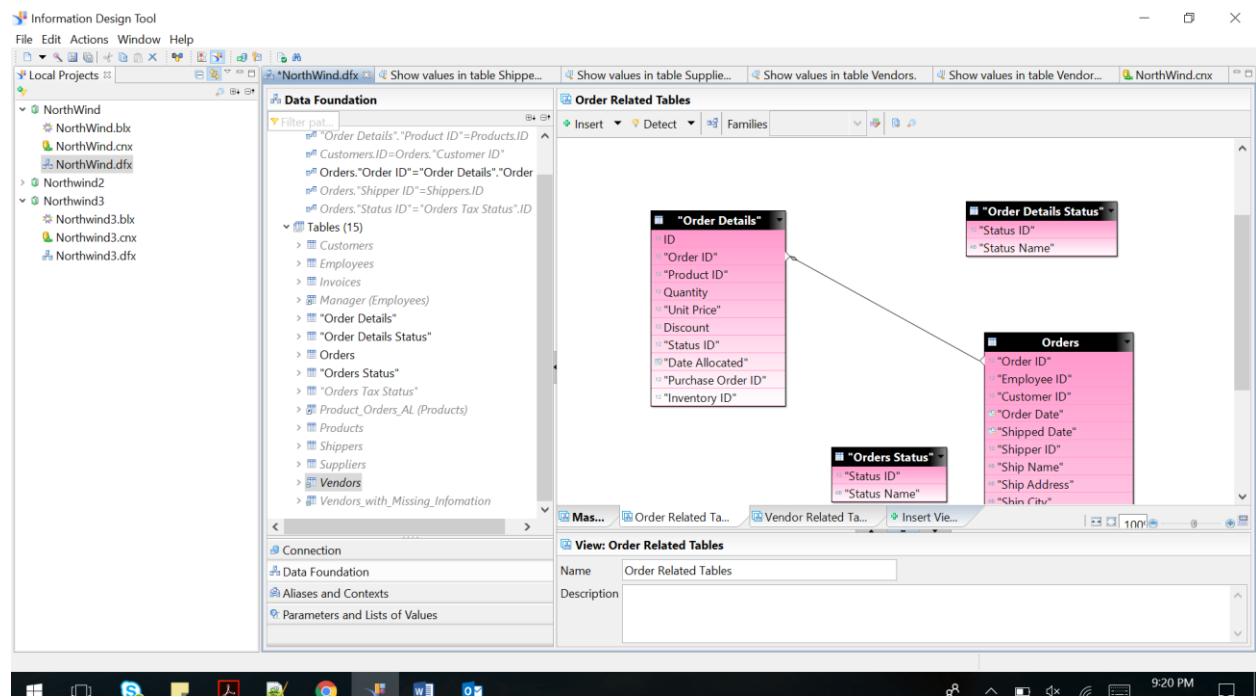












Information Design Tool

File Edit Window Help

Local Projects *NorthWind.dfx Show values in table Shi... Show values in table Sup... Show values in table Ven... Show values in table Ven... NorthWind.cnx Show values in table Em... Show Log Refresh

Show values in table Employees. - 9 rows (46 ms)

Raw Data Distinct values Analysis

Enter your... Filtered rows: 9/9

Add Filter Save as file

ID Company Last Name First Name Full Name E-mail Address Job Title Business Phone Home Phone Mobile Phon

1 Northwind Traders Freehafer Nancy Nancy Freehafer nancy@northwind... Sales Repre... (123)555-0100 (123)555-0102 <Null>

2 Northwind Traders Cencini Andrew Andrew Cencini andrew@northwind... Vice Preside... (123)555-0100 (123)555-0102 <Null>

3 Northwind Traders Kotas Jan Jan Kotas jan@northwindtr... Sales Repre... (123)555-0100 (123)555-0102 <Null>

4 Northwind Traders Sergienko Mariya Mariya Sergienko mariya@northwind... Sales Repre... (123)555-0100 (123)555-0102 <Null>

5 Northwind Traders Thorpe Steven Steven Thorpe steven@northwind... Sales Mana... (123)555-0100 (123)555-0102 <Null>

6 Northwind Traders Neipper Michael Michael Neipper michael@northwind... Sales Repre... (123)555-0100 (123)555-0102 <Null>

7 Northwind Traders Zare Robert Robert Zare robert@northwind... Sales Repre... (123)555-0100 (123)555-0102 <Null>

8 Northwind Traders Giussani Laura Laura Giussani laura@northwindtr... Sales Coor... (123)555-0100 (123)555-0102 <Null>

9 Northwind Traders Hellung-Larsen Anne Anne Hellung-Larsen anne@northwindtr... Sales Repre... (123)555-0100 (123)555-0102 <Null>

Information Design Tool

File Edit Window Help

Local Projects

NorthWind

- NorthWind.blx
- NorthWind.cnx
- NorthWind.dfx

Northwind2

Northwind3

- Northwind3.blx
- Northwind3.cnx
- Northwind3.dfx

Show values in table Orders. - 48 rows (93 ms)

Raw Data Distinct values Analysis

Enter your... Filtered rows: 6/48

Add Filter Save as file

Filters

Ship City (1/12) - Equal

- Chicago

Order ID	Employee ID	Customer ID	Order Date	Shipped Date	Shipper ID	Ship Name	Ship Address	Ship City
40	4	10	Mar 24, 2006 ...	Mar 24, 2006 12:00:00	2	Roland Wacker	123 10th Street	Chicago
42	1	10	Mar 24, 2006 ...	Apr 7, 2006 12:00:00	1	Roland Wacker	123 10th Street	Chicago
50	9	25	Apr 5, 2006 12:00:00	Apr 5, 2006 12:00:00	1	John Rodman	789 25th Street	Chicago
67	4	10	May 24, 2006 ...	May 24, 2006 12:00:00	2	Roland Wacker	123 10th Street	Chicago
69	1	10	May 24, 2006 ...	<Null>	1	Roland Wacker	123 10th Street	Chicago
76	9	25	Jun 5, 2006 12:00:00	Jun 5, 2006 12:00:00	1	John Rodman	789 25th Street	Chicago

