

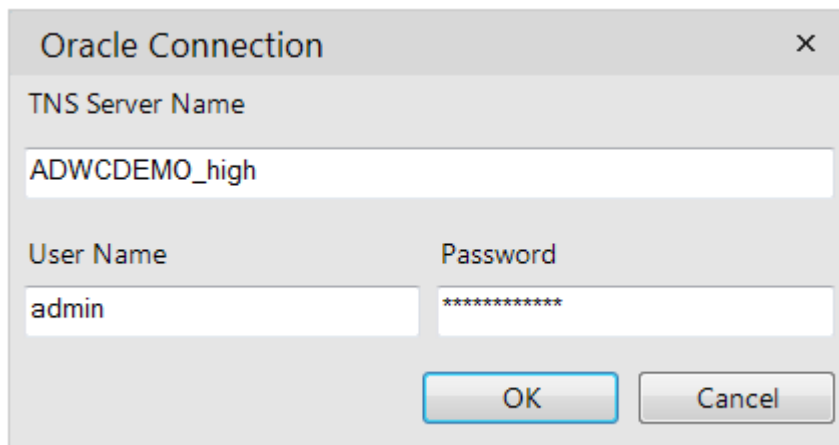
Certification Matrix	Version
Alteryx Designer	2018.2
OCI Driver	Oracle Instant Client/Client version 12.1.0.2 and higher

1. This document assumes that the Autonomous Data Warehouse Cloud (ADWC) has been provisioned and the corresponding wallet zip file has been downloaded to the system that has the Oracle Instant Client or the Oracle Client is installed that will be used to create a TNS names based system OCI connection to the service. For the Oracle documentation to provision ADWC please check [here](#).
2. The simplest way to connect Alteryx Designer with ADWC is to use the tnsnames based OCI service connection.
3. ADWC is a secured service and therefore encryption of Network Traffic is required by default. Alteryx relies on Oracle Instant Client or an Oracle Client for that purpose. Instructions on how to install and configure Oracle Client is available [here](#).
4. After configuring the Oracle Client, follow the instructions on how to prepare the OCI client for to connect to ADWC service. Please refer to the [Preparing for OCI, ODBC, JDBC OCI Connections section](#) of the ADWC documentation.
5. Once you have downloaded your credentials from the ADWC service, you need to unzip that file in the TNS_ADMIN directory.

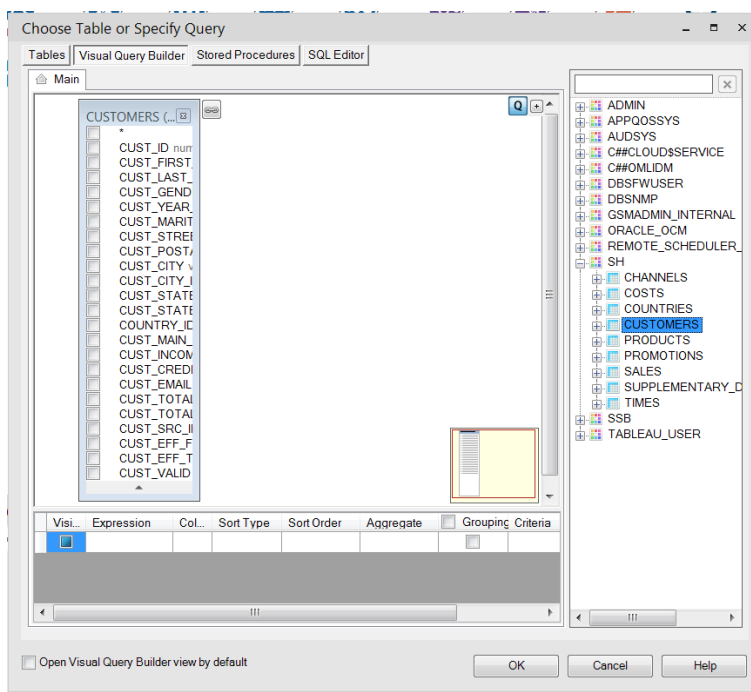
CREATING A CONNECTION FROM ALTERYX TO ORACLE AUTONOMOUS DATA

Below is a pictorial example of connecting Alteryx Designer with ADWC after the prerequisites of installing the Oracle Client has been completed on Windows OS.

1. Drag and drop the Input Data artifact into your Workflow canvas. From the 'Connect a file or database' section, choose the 'Other Databases' option and look for Oracle OCI... option. Enter the right TNS Service name. User Name and the Password and press OK.



2. From the Schema tree, choose the right table and drag it into your Query Builder and press OK



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3. Run your workflow! You have successfully connected Alteryx Designer with ADWC.

The screenshot shows the Alteryx Designer interface. At the top, a workflow step is highlighted with a tooltip that reads: "Database: @virtualitydemo.high, Table=Select * From SH.CUSTOMERS". Below this, the "Results - Input Data (2) - Output" window is open, displaying a table of customer data. The table has 12 columns: Record #, CUST_ID, CUST_FIRST_NAME, CUST_LAST_NAME, CUST_GENDER, CUST_YEAR_OF_BIRTH, CUST_MARITAL_STATUS, CUST_STREET_ADDRESS, CUST_POSTAL_CODE, CUST_CITY, and CUST_STATE. The first 12 rows of data are visible, showing various customer records.

Record #	CUST_ID	CUST_FIRST_NAME	CUST_LAST_NAME	CUST_GENDER	CUST_YEAR_OF_BIRTH	CUST_MARITAL_STATUS	CUST_STREET_ADDRESS	CUST_POSTAL_CODE	CUST_CITY	CUST_STATE
1	13350	Idette	Berry	F	1929	[Null]	57 West King Drive	36480	Mount Morris	51926
2	16905	Idette	Berry	F	1975	married	67 East Aitkin Avenue	60874	Elche	51448
3	20460	Idette	Berry	F	1976	[Null]	67 South Mellette Avenue	43329	Attica	51078
4	24016	Idette	Berry	F	1933	[Null]	77 North Brookings Avenue	68975	Buckley	51222
5	27571	Idette	Berry	F	1952	married	87 East Passaic Avenue	43866	Perry	52107
6	31127	Idette	Berry	F	1925	[Null]	97 Currituck Avenue	43780	Morris	51923
7	34683	Idette	Berry	F	1942	[Null]	97 North Salt Lake Avenue	84381	Offenbach	52031
8	39127	Idette	Livesay	F	1946	[Null]	107 North Currituck Avenue	80202	Birchwood	51191
9	42682	Idette	Livesay	F	1967	[Null]	117 East Salt Lake Avenue	64150	Berchtesgaden	51179
10	20014	Idette	Livesay	F	1931	married	17 West Aitkin Court	56778	Birch Run	51190
11	46460	Idette	Livesay	F	1958	[Null]	27 Mellette Boulevard	69205	St. Didier	52323
12	50016	Idette	Livesay	F	1977	[Null]	27 South Brookings Boulevard	67373	Frederikshavn	51520