**Connecting Tableau to Teradata**

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**Sources**

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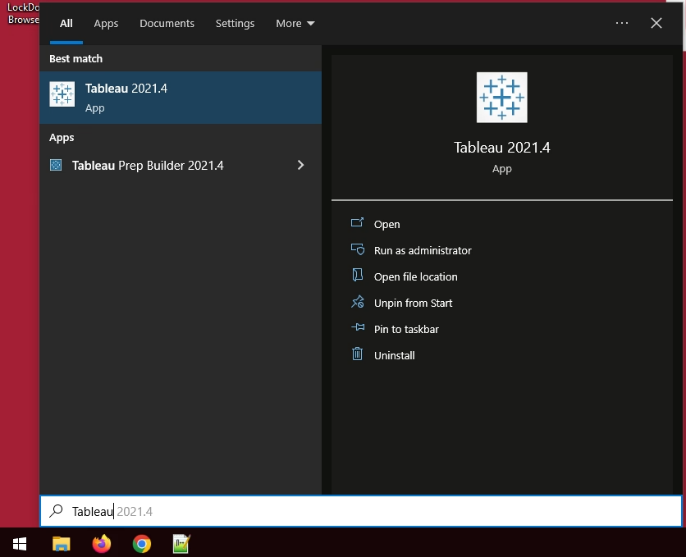
Enterprise Systems, Sam M. Walton College of Business, University of Arkansas, Fayetteville

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# Connecting Tableau to Teradata

You must have been provided access to the University of Arkansas VMware system desktop and the credentials for Teradata to complete this connection. In this example, you will be shown how to connect to your personal database in Teradata from Tableau. You must be in VMware before completing step 1.

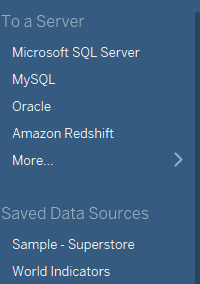
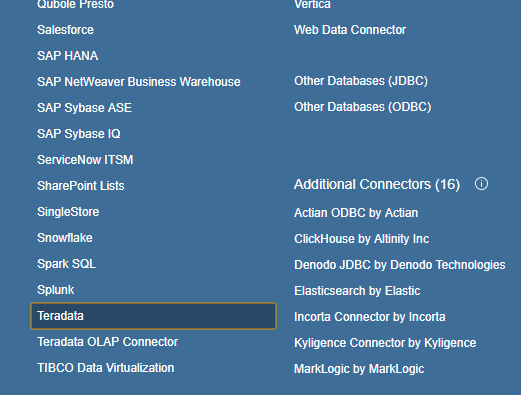
## **Step 1: Open Tableau**



1. **Select:** Start menu
2. **Type:** “Tableau”
3. **Click:** Tableau under Best match

## **Step 2: Find Teradata**

1. **Select:** “More…>” under to a server
2. **Select:** Teradata



## Graphical user interface, application Description automatically generated**Step 3: Connecting to Teradata**

Fill in the following authentication information:

1. **Server:** uofaifx.walton.uark.edu
2. **Username:** Teradata username
3. **Password:** Teradata password
4. **Select:** Sign In

## **Step 4: Retrieving Tables**

If your connection to the server is successful, it will appear in the Connection’s menu and in the work area to the right of the menu.



1. Graphical user interface, text, application, email

   Description automatically generated**Select:** Select Database drop-down menu
2. **Enter:** Database connection name

In this case, the database connection name is WCOB\_RSC

1. **Select:** when done

Graphical user interface, text, application, email

Description automatically generatedThe “Table” selection pane will appear below the “Connections” selection pane.

1. **Enter:** Table name within database

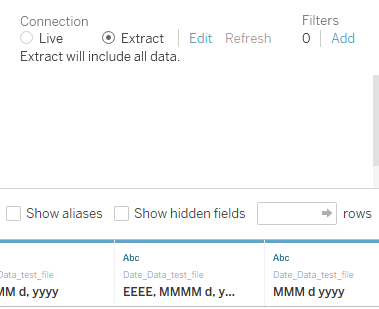
In this case, the table name is Batch\_Production\_Fact

1. **Select**: when done

## **Step 5: Live or Extract**

Graphical user interface, text, application

Description automatically generatedAfter clicking the Blue Plus sign, the tables will be loaded

**Live Data** is working with Data housed on the Teradata server. This is useful/necessary when modeling Large Data Sets. It is important to note that your connection may time out while spending hours in the data set with a live connection. Just reconnect from Tableau to continue.

**Extract Data** is working with data you move to your local machine (local Virtual Desktop). It is faster to work with and portable, but larger data sets can crash Tableau used in this way. If you select extract, Tableau will prompt you to save the data locally when you select Sheet 1 to begin modeling.

## **Step 6: End View Results**

**Remember:** Tableau is a modeling tool; it does not change the original data on Teradata. Any calculated fields created will remain inside the Tableau work sheet.

Table

Description automatically generated with low confidence