Requesting Access and Viewing Data for the Data & Analytics for Good journal

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Sources
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Use Case – Data & Analytics for Good journal

The purpose of this document is to demonstrate the processes of requesting accounts and loading data for articles accepted in the Data & Analytics for Good journal. These steps require access to the University of Arkansas applications: VMware and Teradata Studio Express (also referred to as Teradata Studio in this document).

Journal authors are allotted permanent personal space on the Teradata Intelliflex system to create their own databases, views, and more. Authors are also granted additional permissions to view prior journal article databases. Authors who have additional questions concerning creating accounts, accessing enterprise data sets, and general questions about the Teradata Intelliflex system at the University of Arkansas should contact Ron Freeze or Michael Gibbs.

1. Ron Freeze at rfreeze@walton.uark.edu
2. Michael Gibbs at mgibbs@walton.uark.edu

Step 1: Request Access to Teradata System

1. Go to https://request.information-systems.uark.edu/login.

2. Enter your e-mail address and password and click Login.

If you don’t already have an enterprise systems account, register for an account at the same place

1. Go to https://request.information-systems.uark.edu/login.

2. Click Register.

3. Type the name of your institution and click Register.

4. Type in your first name, last name, e-mail address, and password, and click Register.

You only need to create an author account once. If you plan on submitting multiple datasets, you can continue to use your prior account to load your data for the new acceptances.
**Step 2: Request Access to the Journal databases**

Walton Enterprise Systems provides support for multiple authors and their datasets as well as access to many applications used in industry. This example outlines the process for requesting space and access for the datasets being shared with the Data & Analytics for Good journals.

1. Log in.

2. Click “New” on the Home screen.

3. On the Create Request screen, under “Which platforms do you want to access?”, select the Teradata platform.

There are two selections for the Data & Analytics for Good journal. The first is for the corresponding author (or co-authors). Selecting this will allow you to upload your data to the appropriate Issue and Article #. If you are the corresponding author, the following information will be requested:

- Corresponding Author
- Accepting Senior Editor
- Manuscript Titles
- Journal Issue
- Article Acceptance Number

The second selection is for those wishing read access to all datasets in the Journal.

1. Select appropriate Data & Analytics for Good Journal request.

2. For “How many new accounts would you like?”, there is no need to indicate anything for new accounts unless you are getting accounts for students where they will be using the DAG datasets.

3. In the “Anything else you would like us to know?” box, enter additional information that could help provide context behind your request.

4. Read the agreement, and check **I agree**.

5. Click **Submit** to finalize your request.

Note: you won’t receive confirmation of account creation until the accounts are created. This includes the Teradata database that will be created for you.
**Step 3: Wait for the e-mail**

A systems specialist at the University of Arkansas will manually review your request and create the account usernames and passwords requested. Account creation should be completed within 2 business days.

You will receive an e-mail with your login username and password, similar to the image on the right:

Once your author account is created, you may continue with the Step 4: Using VMware in order to log into the Walton Enterprise System.

**Step 4: Using VMware**

In order to upload your dataset, you will need to use Teradata Studio which is accessible from the Walton Enterprise System virtual desktop – VMware. You can install VMware on your local desktop or use the browser version to access your virtual desktop. Either the downloaded VMware or browser version are acceptable and provide you with the same access.

1. In order to use VMware, look for the VMware section in preliminaries under the Accessing Article Data tab in the Data & Analytics for Good website

**Step 5: Data Loading verification**

This step provides a short check list for the guidelines you will use in Step 6 & Step 7. Once you have uploaded all your tables, the following bullet points are the data loading verification that will be performed by the Data & Analytics for Good reviewers prior to final acceptance of the article.

- Do the table names uploaded to Teradata match the table names in the:
  - Data Dictionary
  - Entity Relationship Diagram
  - Other locations in the article?

- Do the data types in the Teradata database match:
  - The variables in the Entity Relationship Diagram
  - The variables loaded in the Data Dictionary?

With concurrence of data load, final acceptance of the article will be issued.

**Step 6: Loading into Teradata Studio**

Teradata Studio is a more robust application used to access the Teradata IntelliFlex system. Teradata Studio will be used to upload your dataset.

### 6.1 Accessing

1. On your desktop, you may see the Teradata Studio icon. If so, double-click the Teradata Studio icon. If not, click the Microsoft Start button in the lower left hand corner and select the icon there.

Teradata Studio will open. If you have logged in before, Teradata Studio may prompt you for your password to the University of Arkansas IntelliFlex system. Please enter your provided password.
If you have not logged in before, you will be prompted with a Quick Tour which you may go through if you wish. After clicking out of the Quick Tour, you will be prompted to create a connection profile.

2. Once you have logged on, you will need to right click on Database Connections and select “new”
3. Select “Teradata” from the Connection Profile window
4. Place the database name for your connection as “Data and Analytics for Good (DAG)”
5. Click “Next”

After clicking next, you will be prompted with a new window, “Specify a Driver and Connection Details”. Specify the drive and connection details by entering in the database server name, and your username and password given to you by the University of Arkansas.

**Database Server Name:** uofaifx.walton.uark.edu  
**User Name (Domain):** (your username)  
**Password:** (your password)

You may leave the rest of the dialog boxes blank.

6. Select “Finish”
7. Please note that you may need to re-establish this connection with each new Teradata session.

### 6.2 Viewing Datasets

This section explains how to navigate Teradata Studio and view your dataset and all available datasets.

8. Access the Data Source Explorer by selecting the Query Development icon in the upper-right hand side of Teradata Studio:

Data Source Explorer show you the databases and Foreign Servers you can view in the Database Connections folder. This is where you can explore which databases are available to you and expand the Data and Analytics for Good (DAG) (Teradata v 16.20.32.35) icon to see the databases.

Due to the large number of databases, you will need to filter to only those databases for which you are interested. Since you will be uploading the dataset associated with your accepted article in the journal, you will need to search for only those databases associated with your article. These have already been set up for ease of uploading.

9. Right click on the Databases folder
10. Select Filter

A Filter Dialog pop-up will appear.

11. Deselect “Disable Filter” at the bottom
12. Enter “DAG” in the Expression
13. Select “Apply and Close”
You can use the same process to select other databases for which you are able to view the data. The example shows the first issue of the Data & Analytics for Good journal. Additionally, Article 2’s (A2) table and variables have been displayed. The data types of the Teradata Intelliflex table should match the data dictionary provided in your article. As new articles are accepted, you will have read access to the new data.

You should now have access to the Enterprise System resources as well as a view of available datasets.