

eOne Solutions

Popdock Data Lake Upload Tool Installation and Usage Guide for SQL Server

How to install, configure and use the tool to migrate customer data from SQL Server

1. Overview

The Data Lake Upload Tool is designed to help customers move their on-premises data into the cloud. It can be used to perform regular data backups or migrate legacy data to cloud storage for faster access through Popdock. Once data has been transferred to the data lake, it is stored, managed, and accessed from this central repository.

This installation guide will support eOne Partners and services consultants through setting up and using the Data Lake Upload Tool to migrate customer data from SQL Server. This guide includes instructions on preparing for the installation, installing the tool, and using the tool to port data from SQL Server to an Azure data lake.

2. Prepare for the installation

To ensure a successful install and migration of your systems using the tool, you will want to:

- Complete pre-installation tasks
- Meet minimum hardware/software guidelines
- Follow network recommendations
- Create an account credentials list

2.1. Pre-installation tasks

There are two pre-installation tasks the Data Lake Upload Tool requires and should be completed before installing it. An existing Azure data lake setup is required along with an Azure Data Lake connector configured in Popdock which connects to it.

The tool needs a running Azure data lake with storage containers. You can use this article to [setup an Azure Data Lake](#).

Once the data lake has been created, you will [add an Azure Data Lake Connector](#) to your Popdock configuration. After the Popdock Data Lake Connector is created, you will have the necessary pre-installation tasks completed.

2.2. Hardware/Software Guidelines

The Data Lake Upload Tool requires that the computer running the tool is connected to the same network as the database server, has enough processing power, storage space and memory for the tool's data transfer processes and meets the minimum supported Operating System version guidelines.

Minimum hardware requirements:

CPU	1GHZ Processor
Memory	8 GB
Disk Space (free)	Size of the database(s) or greater

Minimum software requirements:

Client OS	Windows 8 or higher
Server	Windows Server 2012 or higher

Minimum database requirements:

SQL Server	SQL Server 2014 or higher
------------	---------------------------

NOTE: For technical support with earlier versions of SQL Server, contact support@eonesolutions.com.

2.3. Network Recommendations

The internet connection should be at least 5 Mbps upload to support the file transfer processes of the tool. The network and internet connection play a key role in the data transfer experience because low bandwidth internet and poor network connections can lead to slower transfer speeds and connection timeouts. While the 5 MBPs internet speed is a minimum guideline, a faster internet connection may not always guarantee faster data transfer speeds.

2.4. Account Credentials List

The installation process requires login information for multiple accounts to provide access to resources and systems involved in the upload process.

Use the list below to populate the necessary account information and have it available during the Data Lake Upload Tool installation.

2.4.1 **Popdock Credentials** - This is login information for the Popdock account.

System: Popdock	Description	Enter your information
Username	[The Popdock admin account username.]	
Password	[The Popdock account password.]	
Account	[The login account name]	

2.4.2 **Azure Data Lake Connector Credentials** – This information can be gathered from either the [Popdock Data Lake Connector](#) or the [Azure Console](#).

System: Azure Data Lake	Description	Enter your information
Data Lake Connector	[The name of your Popdock Data Lake Connector]	
Storage Account	[The name of the storage account in the Azure console or your Popdock Data Lake Connector configuration]	
Table Container	[The storage account container, in the Azure console, where all tables/views will be copied]	
List Container	[The storage account container, in the Azure console, where all lists will be copied]	
Shared Key	[The Shared key for the storage account in the Azure console]	

2.4.3 **Database Credentials** – This information is from your database server.

System	SQL SERVER	Enter your information
Server	[The hostname of the SQL Server]	
Port	[The port being used by the SQL Server]	
System Database	[The name of the SQL Server system database]	
Username	[A SQL Server user with read access to the system database]	
Password	[The password for the SQL Server user]	

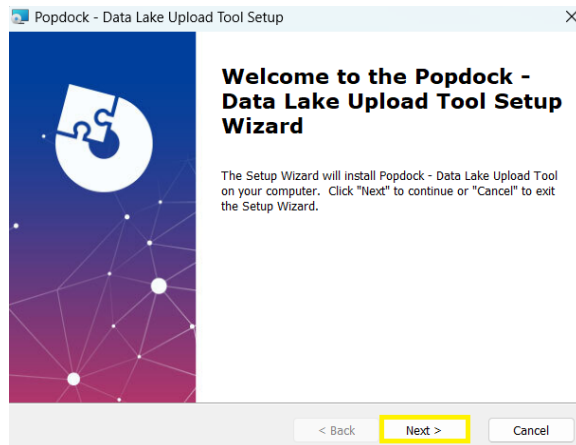
3 Run the setup wizard installation

The Data Lake Upload Tool Setup Wizard is an installer that places the files necessary to run the upload tool on the computer.

NOTE: Before running the setup wizard installation, make sure you have completed the required tasks under [prepare for the installation](#).

To install the Data Lake Upload Tool:

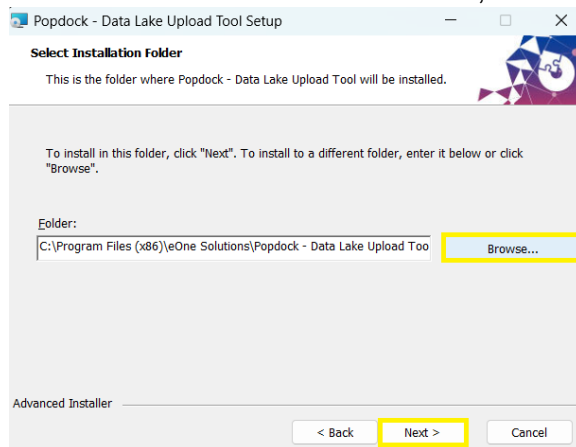
3.1 This is the welcome page, select **Next** to continue.



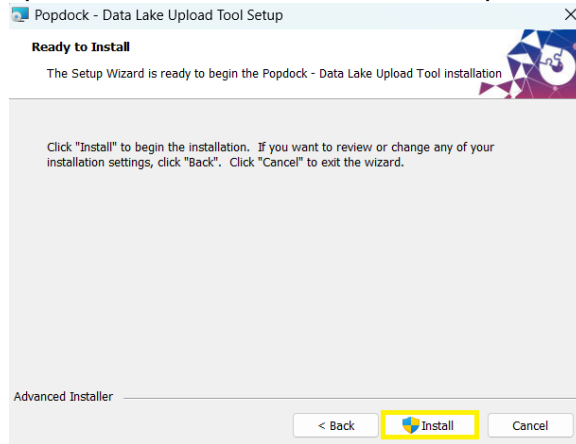
3.2 In **Select Installation Folder**, a default installation folder for the Data Lake Upload Tool files is selected.

NOTE: You can change the installation folder location, where the files to run the tool are copied, by pressing the **Browse** button and selecting another folder.

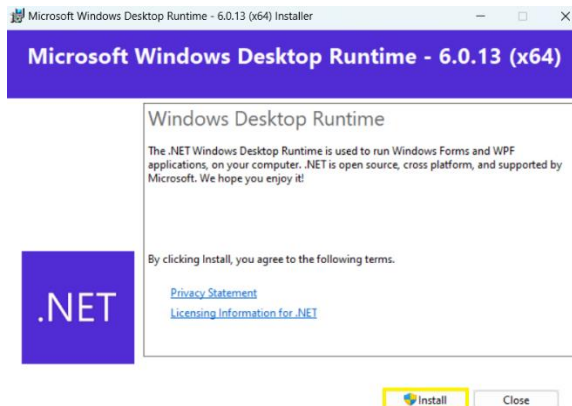
3.3 Select the default installation folder location, then **Next** to continue.



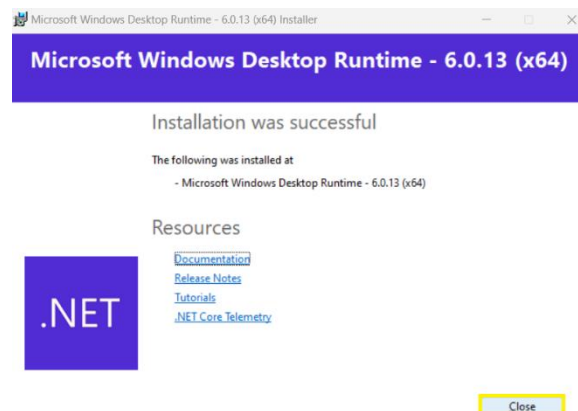
3.4 The Setup Wizard will install the software required by the upload tool.



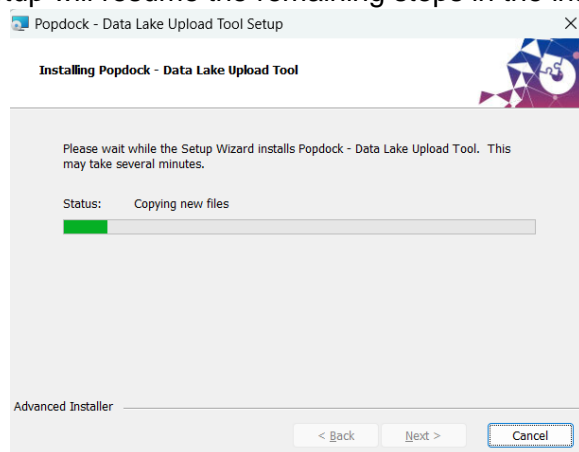
3.5 If the Windows Desktop Runtime 6.0.13 is not installed, on the computer that will run the Data Lake Upload Tool, it will be installed when you press the **Install** button.



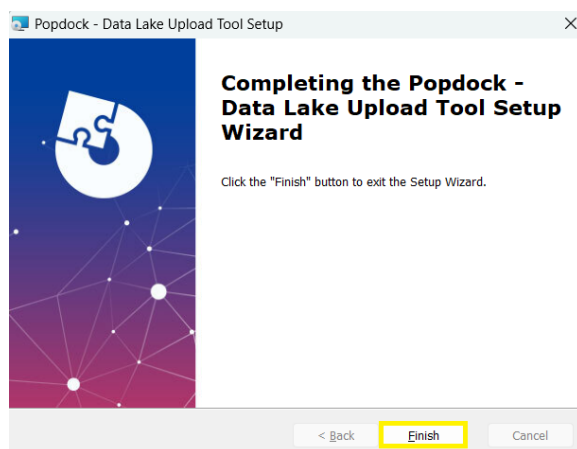
3.6 You will know the .NET Runtime installation is complete when you see this window, press the **Close** button.



3.7 The setup will resume the remaining steps in the installation automatically.



3.8 When you see this window, the setup wizard has successfully completed the installation, select the **Finish** button.



4 Copying Tables from SQL Server

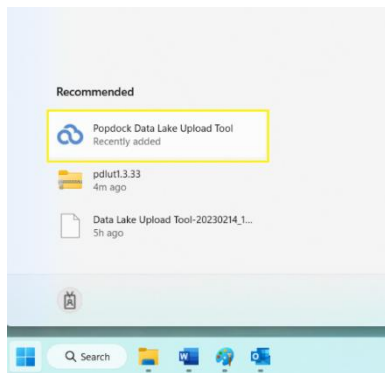
NOTE: To use the tool, make sure you have completed the tasks under [prepare for the installation](#) and run the setup wizard installation.

Once the setup wizard is completed successfully, the files necessary to run the Data Lake Upload Tool are installed on the computer and the tool is ready to use.

When porting your legacy data, it is recommended that you migrate both the tables and views on your SQL Server. In this section, you will migrate the tables and in the next section the views will be selected.

NOTE: You will need the account credentials list to use the Data Lake Upload Tool. If you do not have the list, go back to the [prepare for the installation](#) section and complete the list.

Go to the **Start Menu** and select **Popdock – Data Lake Upload Tool**.

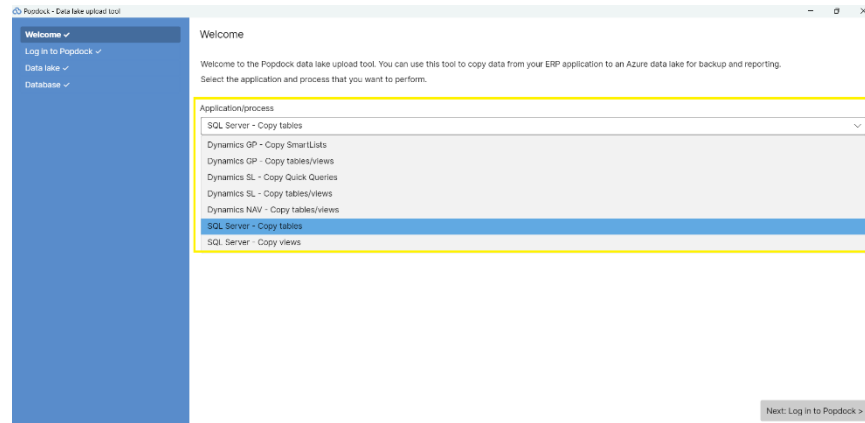


4.1 Welcome Page

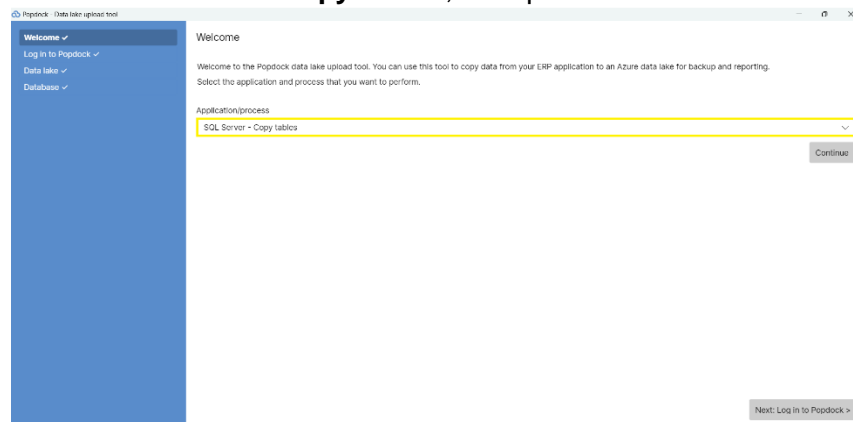
On the welcome page, you will have the option to copy from different systems. Here we will look at options that apply to SQL Server.

To get started, you will want to make a copy of the tables from your SQL Server. Once you have a copy of these tables, you will re-run the tool to copy all the views.

4.1.1 Select the dropdown arrow on the right, to view the available options.



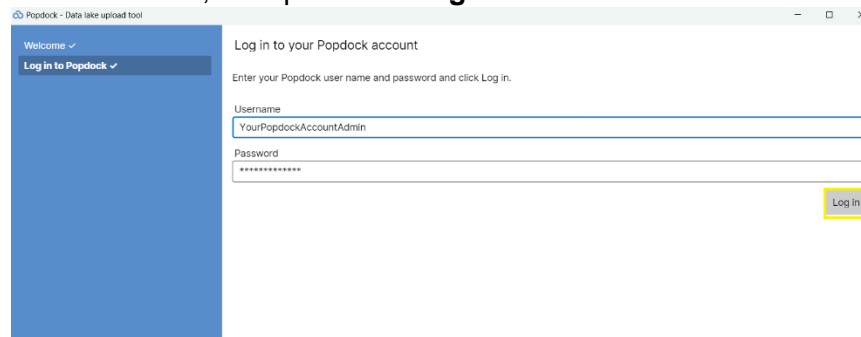
4.1.2 Select **SQL Server- Copy tables**, then press **Continue**.



4.2 Log in to your Popdock account

At the **Log in to Popdock** screen, you will provide the Popdock username, password, and account information for your account, which will be validated by the tool. The Popdock login entered should be the admin of the account.

4.2.1 At the log in screen, enter the **Username** and **Password** for the Popdock account admin, then press the **Log in** button to validate the credentials.



4.2.2 If you have more than one account, the **Account** field will appear below Password. Select the dropdown arrow, below account, to view the list of available accounts.

Popdock - Data lake upload tool

Welcome ✓

Log in to Popdock

Log in to your Popdock account

Enter your Popdock user name and password and click Log in.

Username
EnterYourUserName

Password

Account

- eOne Solutions
- eOne Solutions
- Neon Rated
- Oklahoma State Fair, Inc.

Next: Edit data lake settings >

4.2.3 Select an **Account**, then select the **Log in** button to re-validate the credentials.

Popdock - Data lake upload tool

Welcome ✓

Log in to Popdock

Log in to your Popdock account

Enter your Popdock user name and password and click Log in.

Username
EnterYourUserName

Password

Account

eOne Solutions

Clear

Log in

Next: Edit data lake settings >

- 4.2.4 If the login information cannot be confirmed as entered, you will see the error message below. Check your Popdock login username/password, then enter the information and select **Log in**.

Logging in...
An account using that username and password was not found

NOTE: The installation will not move to the next page until your Popdock credentials are successfully verified.

- 4.2.5 Once the login information is successfully validated, the installation process will automatically move to the next configuration page.

4.3 Connect to your Azure data lake

At the **Data Lake** screen, you will provide connection information for your Azure data lake and connector in Popdock. The installer will verify the information entered then proceed to the next step in the installation.

NOTE: You will need the account credentials list for this section.

- 4.3.1 Here you will select a data lake connector, enter the storage account, enter the container, and paste the shared key.

Popdock - Data lake upload tool

Welcome ✓
Log in to Popdock ✓
Data lake

Connect to your Azure data lake

Select the Popdock data lake connector you would like to use. Then enter the credentials for the same Azure blob storage account below. These should connect to the same storage account.

Data lake connector

Storage account

Table container

Shared key

Connect

< Previous: Popdock login

Next: Edit database settings >

- 4.3.2 Select the dropdown arrow under **Data Lake connector** to display the list of Azure data lake connectors configured in your Popdock account.

Popdock - Data lake upload tool

Welcome ✓
Log in to Popdock ✓
Data lake

Connect to your Azure data lake

Select the Popdock data lake connector you would like to use. Then enter the credentials for the same Azure blob storage account below. These should connect to the same storage account.

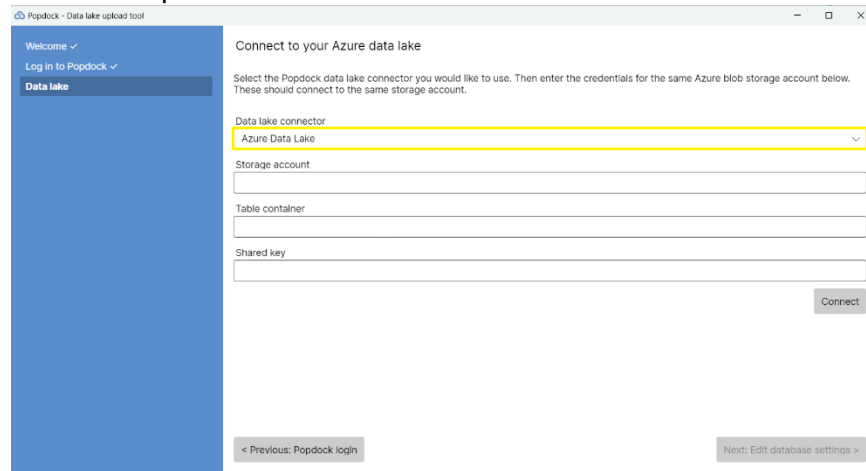
Data lake connector

- Azure Data Lake (joe-gp)
- Azure Data Lake (demo1)
- Azure Data Lake (gp-database)
- Azure Data Lake (crimson)
- Azure Data Lake (joe-nav-tables)
- Azure Data Lake (joe)
- Azure Data Lake (joe-sql)
- Azure Data Lake (joe-sl-lists)
- Azure Data Lake (joe-gp-tables)
- Azure Data Lake (joe-sl-tables)
- Azure Data Lake (joe-gp-lists)
- Azure Data Lake
- Azure Data Lake (joe-nav-lists)

< Previous: Popdock login

Next: Edit database settings >

4.3.3 Select a Popdock Data Lake connector.



Popdock - Data lake upload tool

Welcome ✓
Log in to Popdock ✓
Data lake

Connect to your Azure data lake

Select the Popdock data lake connector you would like to use. Then enter the credentials for the same Azure blob storage account below. These should connect to the same storage account.

Data lake connector
Azure Data Lake

Storage account

Table container

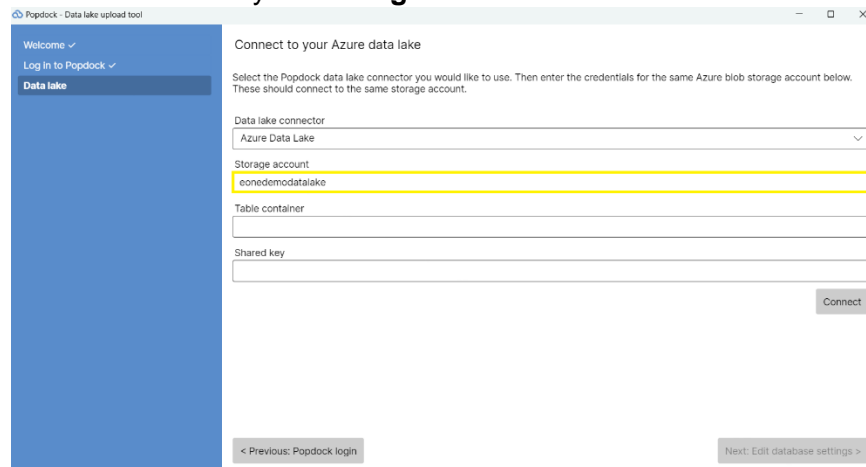
Shared key

Connect

< Previous: Popdock login

Next: Edit database settings >

4.3.4 Enter the name of your storage account.



Popdock - Data lake upload tool

Welcome ✓
Log in to Popdock ✓
Data lake

Connect to your Azure data lake

Select the Popdock data lake connector you would like to use. Then enter the credentials for the same Azure blob storage account below. These should connect to the same storage account.

Data lake connector
Azure Data Lake

Storage account
eonedemodatalake

Table container

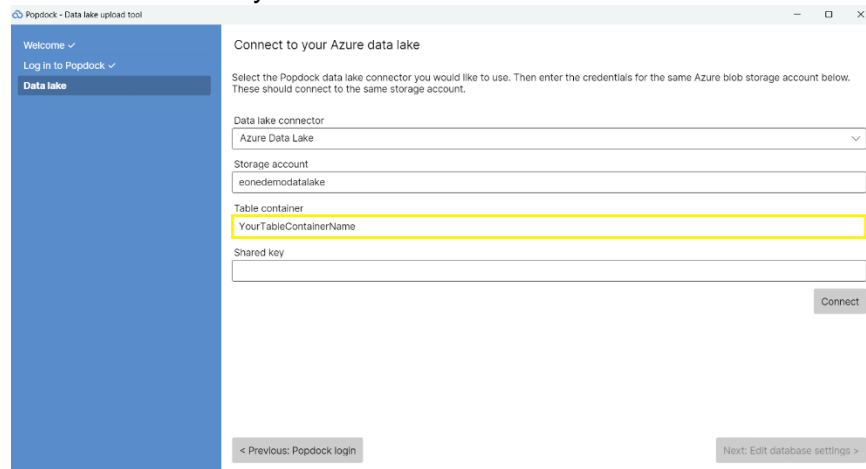
Shared key

Connect

< Previous: Popdock login

Next: Edit database settings >

4.3.5 Enter the name of your Table container.



Popdock - Data lake upload tool

Welcome ✓
Log in to Popdock ✓
Data lake

Connect to your Azure data lake

Select the Popdock data lake connector you would like to use. Then enter the credentials for the same Azure blob storage account below. These should connect to the same storage account.

Data lake connector
Azure Data Lake

Storage account
eonedemodatalake

Table container
YourTableContainerName

Shared key

Connect

< Previous: Popdock login

Next: Edit database settings >

4.3.6 Copy and paste the contents of your **Shared key**.

Popdock - Data lake upload tool

Welcome ✓
Log in to Popdock ✓
Data lake

Connect to your Azure data lake

Select the Popdock data lake connector you would like to use. Then enter the credentials for the same Azure blob storage account below. These should connect to the same storage account.

Data lake connector
Azure Data Lake

Storage account
eonedemodatalake

Table container
YourTableContainerName

Shared key

Connect

< Previous: Popdock login

Next: Edit database settings >

4.3.7 After entering the Azure Data Lake information, select the **Connect** button to validate.

Popdock - Data lake upload tool

Welcome ✓
Log in to Popdock ✓
Data lake

Connect to your Azure data lake

Select the Popdock data lake connector you would like to use. Then enter the credentials for the same Azure blob storage account below. These should connect to the same storage account.

Data lake connector
Azure Data Lake

Storage account
eonedemodatalake

Table container
YourTableContainerName

Shared key

Connect

Validating...

< Previous: Popdock login

Next: Edit database settings >

Version 1.3.34

4.3.8 If the storage account, container, or shared key information is entered incorrectly, the installation will not move to the **Database** page and the error message below will be displayed.

Popdock - Data lake upload tool

Welcome ✓
Log in to Popdock ✓
Data lake

Connect to your Azure data lake

Select the Popdock data lake connector you would like to use. Then enter the credentials for the same Azure blob storage account below. These should connect to the same storage account.

Data lake connector
Azure Data Lake

Storage account
YourAzureStorage

List container
YourAzureContainer

Shared key

Could not authenticate you

Connect

< Previous: Popdock login

Next: Edit database settings >

4.3.9 Check your credential list Azure data lake information, then re-enter information, and select the **Log in button** to validate.

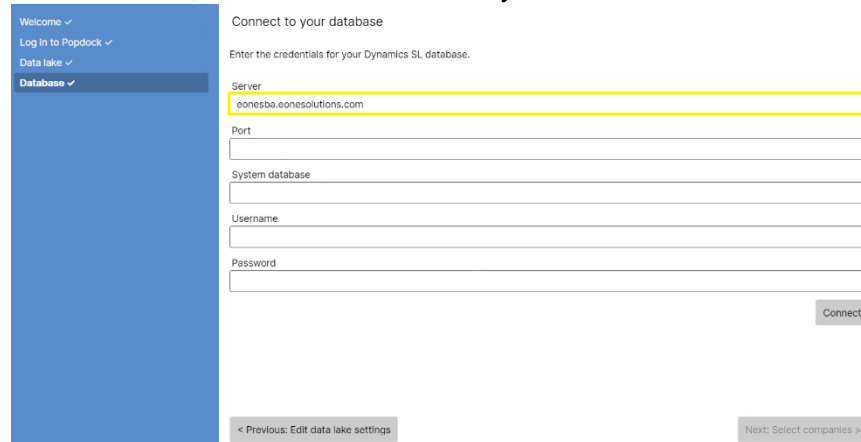
- 4.3.10 Once the connection to your Azure Data Lake connection is successfully validated, the installation process will automatically move to the next page.

4.4 Connect to your database

At the **Database** screen, you will provide connection information for the SQL Server database. The installer will use the server and login information to test the connection to your database server.

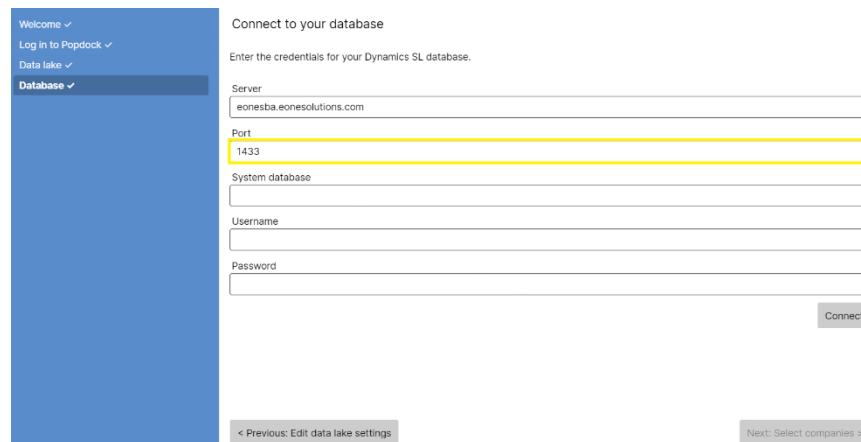
NOTE: You will need the account credentials list for this section.

- 4.4.1 Under **Server**, enter the hostname of your database server.



The screenshot shows the 'Connect to your database' screen. On the left is a blue sidebar with a menu containing 'Welcome', 'Log in to Popdock', 'Data lake', and 'Database' (which is selected and highlighted). The main content area has the title 'Connect to your database' and the instruction 'Enter the credentials for your Dynamics SL database.' Below this are five input fields: 'Server' (containing 'eonesba.eonesolutions.com' and highlighted with a yellow border), 'Port', 'System database', 'Username', and 'Password'. A 'Connect' button is at the bottom right. At the bottom of the screen are two navigation buttons: '< Previous: Edit data lake settings' and 'Next: Select companies >'.

- 4.4.2 Enter the **Port** being used by your SQL Server to provide database services. The default port for database services is 1433, but before using it, confirm to [find the TCP Port number your SQL SERVER Instance is listening on](#).



This screenshot is identical to the previous one, showing the 'Connect to your database' screen. However, in this instance, the 'Port' input field is highlighted with a yellow border and contains the value '1433'. All other elements, including the sidebar, other input fields, and buttons, remain the same.

4.4.3 Enter the name of the system database.

Popdock - Data lake upload tool

Welcome ✓
Log in to Popdock ✓
Data lake ✓
Database ✓

Connect to your database

Enter the credentials for your SQL database database.

Server
eonesba.eonesolutions.com

Port
1433

System database
gptwo

Username

Password

Connect

< Previous: Edit data lake settings

Next: Select databases >

4.4.4 Enter the SQL Server user credentials, under **Username** and **Password**.

Popdock - Data lake upload tool

Welcome ✓
Log in to Popdock ✓
Data lake ✓
Database ✓

Connect to your database

Enter the credentials for your SQL database database.

Server
eonesba.eonesolutions.com

Port
1433

System database
gptwo

Username
sa

Password

Connect

< Previous: Edit data lake settings

Next: Select databases >

NOTE: This SQL Server login user does not need administrative privileges or be the sa account.

4.4.5 Once all the information for the database server is entered, select the **Connect** button to validate.

Popdock - Data lake upload tool

Welcome ✓
Log in to Popdock ✓
Data lake ✓
Database ✓

Connect to your database

Enter the credentials for your SQL database database.

Server
eonesba.eonesolutions.com

Port
1433

System database
gptwo

Username
sa

Password

Connect

< Previous: Edit data lake settings

Next: Select databases >

4.4.6 If any of the database server connection information is not entered correctly, an error message will appear, and the installer will not move to the next page.

- 4.4.7 To find additional information on common error messages, go to the [troubleshoot the tool](#) section.
- 4.4.8 If a successful connection is made, the installer will immediately run the tool.

4.5 Run

At the **Run** screen, the upload tool will make the necessary connections, download the data to the computer running the data lake upload tool, then upload it to the data lake.

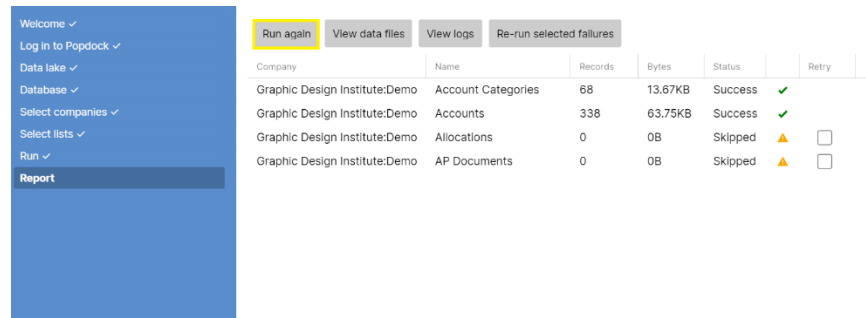
Once the tool has finished running, you will see the **Report** screen.

- 4.5.1 The **Report** screen shows the final status of the import process.

Company	Name	Records	Bytes	Status	Retry
Graphic Design Institute:Demo	Account Categories	68	13.67KB	Success	<input checked="" type="checkbox"/>
Graphic Design Institute:Demo	Accounts	338	63.75KB	Success	<input checked="" type="checkbox"/>
Graphic Design Institute:Demo	Allocations	0	0B	Skipped	<input type="checkbox"/>
Graphic Design Institute:Demo	AP Documents	0	0B	Skipped	<input type="checkbox"/>

NOTE: The tables that were selected have finished copying and the status shows that it was a **Success**. There were two lists with 0 records that were **Skipped**.

- 4.5.2 Now that the SQL tables have been copied, proceed to copying SQL Server views.
- 4.5.3 You can use the **Run Again** button on the **Report** page, to run the tool without having to reenter your login credentials.



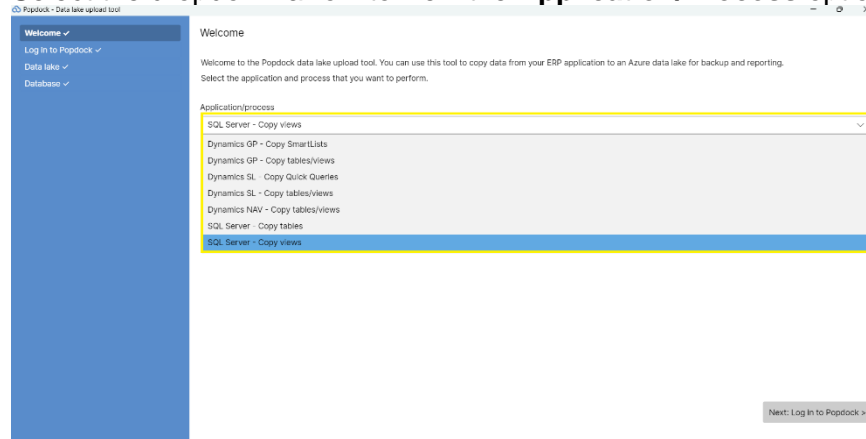
4.5.4 Select the **Run Again** button, the installer will return to the **Welcome** screen and start the configuration process again.

5 Copying Views from SQL Server

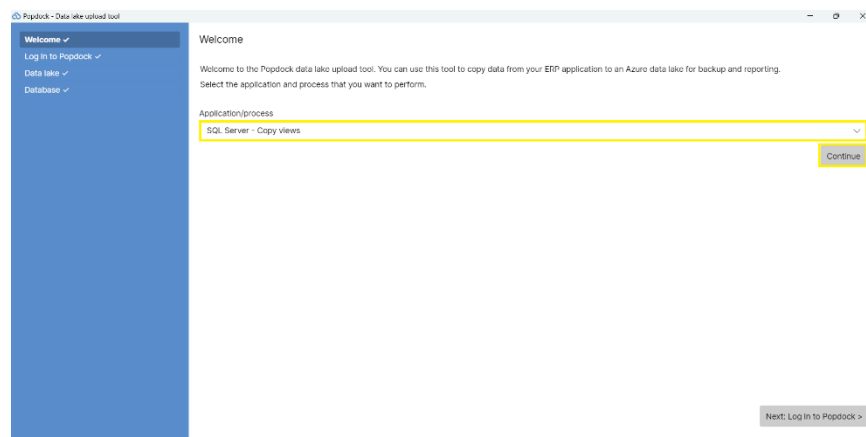
When porting your legacy data, migrating both the tables and views on your SQL Server is recommended. You uploaded the tables in the previous section, now the views will be selected for migration.

5.1 Welcome Page

5.1.1 Select the dropdown arrow to view the **Application/Process** options.



5.1.2 Select **SQL Server- Copy views**, then press **Continue**.

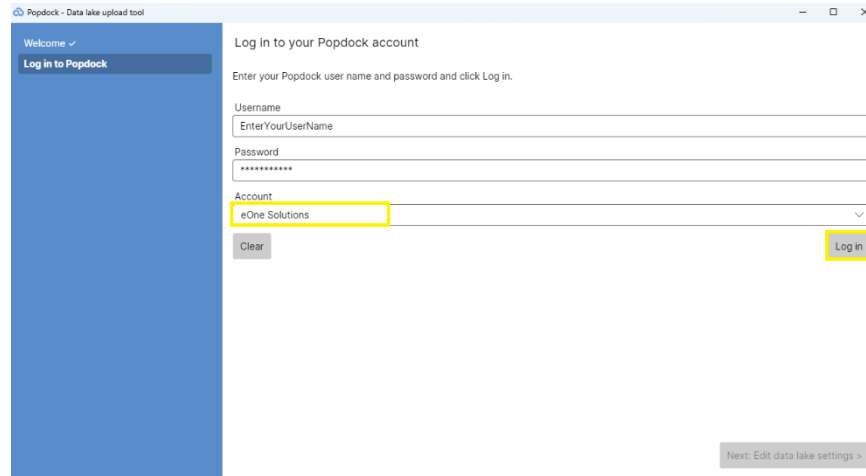


5.2 Log in to your Popdock account

The **Log in to Popdock** screen will display the Popdock username, password, and account information you logged in with previously. You have two options at this screen, update your Popdock credentials or use the same authenticated credentials by selecting the **Next: Edit data lake settings** button.

- 5.2.1 To make changes to your Popdock **Username** and **Password**, re-enter your credentials, then select the **Log in** button to validate.

To use the same Popdock credentials, simply select the **Log in** button.



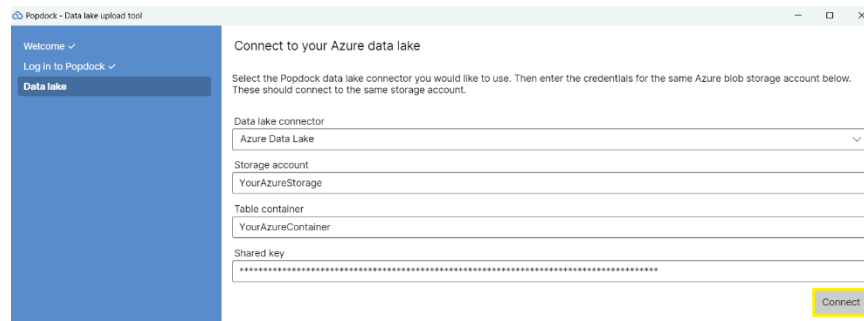
The screenshot shows the 'Popdock - Data lake upload tool' window. On the left is a blue sidebar with 'Welcome' and 'Log in to Popdock' options. The main area is titled 'Log in to your Popdock account' and contains a form with fields for 'Username' (containing 'EnterYourUserName'), 'Password' (masked with dots), and 'Account' (a dropdown menu with 'eOne Solutions' selected). There are 'Clear' and 'Log in' buttons. At the bottom right, there is a link that says 'Next: Edit data lake settings >'.

5.3 Connect to your Azure data lake

The **Data Lake** screen will display the Azure Data Lake information you logged in with previously. At this screen, you can update your data lake information or use the same information by log in.

- 5.3.1 To update your data lake connector settings, enter the updated storage account, table container or shared key, then select the **Connect** button to re-validate.

To use the same Data Lake settings, select the **Connect** button.



The screenshot shows the 'Popdock - Data lake upload tool' window with the 'Data lake' tab selected in the sidebar. The main area is titled 'Connect to your Azure data lake' and contains a form with fields for 'Data lake connector' (a dropdown menu with 'Azure Data Lake' selected), 'Storage account' (containing 'YourAzureStorage'), 'Table container' (containing 'YourAzureContainer'), and 'Shared key' (a text field with a masked key). There is a 'Connect' button at the bottom right.

5.4 Connect to your database

The **Database** screen will display the SQL Server database information you logged in with previously. At this screen, you can update your DB server and/or login information, or you can use the same authenticated information.

- 5.4.1 To update your database server information, make changes to your settings then select the **Connect** button to re-validate.

To continue with the same database information, select the **Connect** button to authenticate and move to the next screen.

Popdock - Data lake upload tool

Welcome ✓
Log in to Popdock ✓
Data lake ✓
Database ✓

Connect to your database

Enter the credentials for your SQL database database.

Server
eonesba.eonesolutions.com

Port
1433

System database
gptwo

Username
sa

Password

Connect

- 5.4.2 If a successful connection is made, the installer will load the views.

Popdock - Data lake upload tool

Welcome ✓
Log in to Popdock ✓
Data lake ✓
Database ✓

Connect to your database

Enter the credentials for your SQL database database.

Server
eonesba.eonesolutions.com

Port
1433

System database
GPTWO

Username
sa

Password

Loading views...

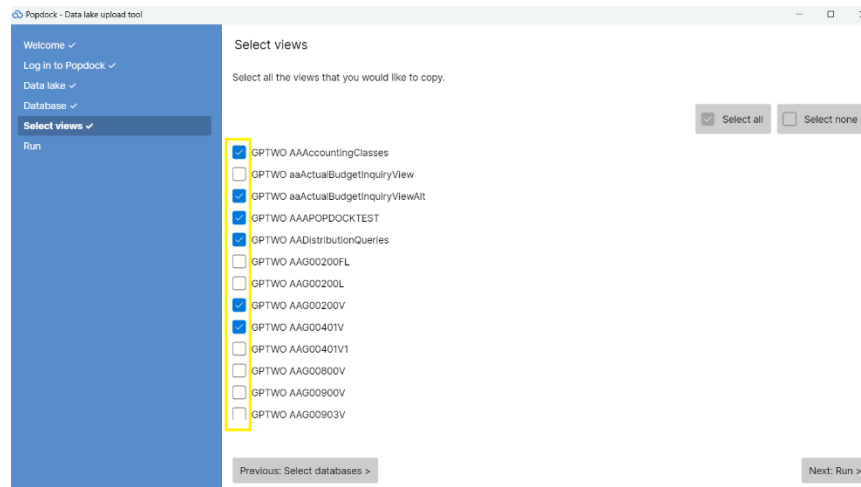
Connect

5.5 Select Views

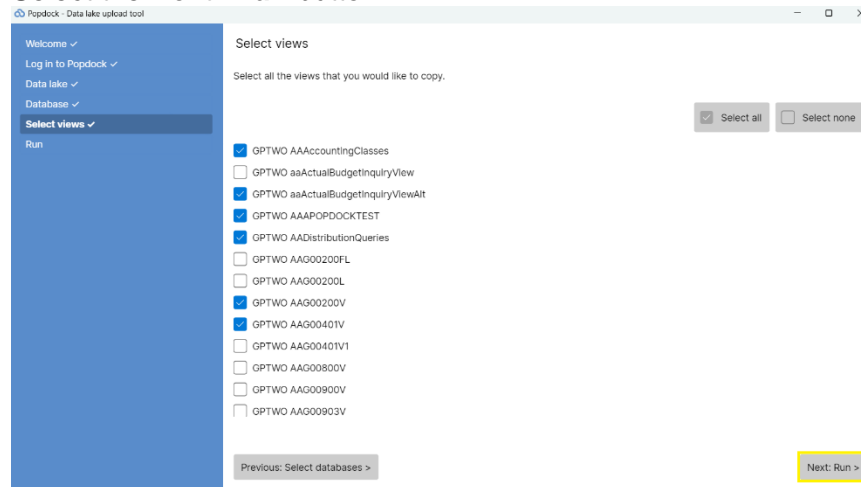
At the **Select views** page, you will choose the views you want to copy from the database.

- 5.5.1 Choose the **Views** you would like to upload, by selecting the box next to each view.

NOTE: When selecting views, only choose the ones you use frequently.



5.5.2 Select the **Next: Run** button.



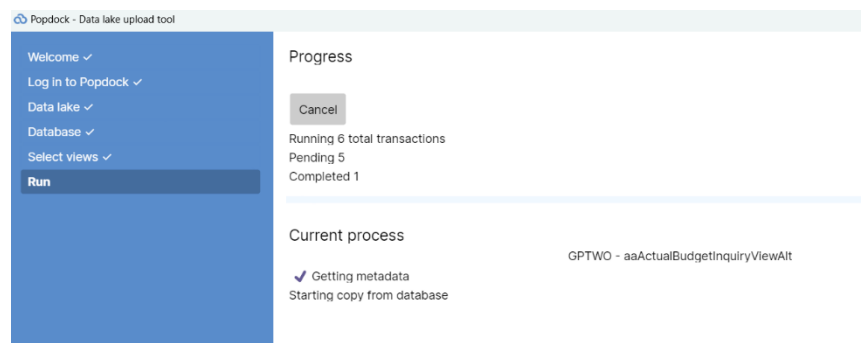
5.6 **Run**

The Data Lake Upload Tool will start the import process for the SQL Server views selected.

Below are the options available on the Run page:

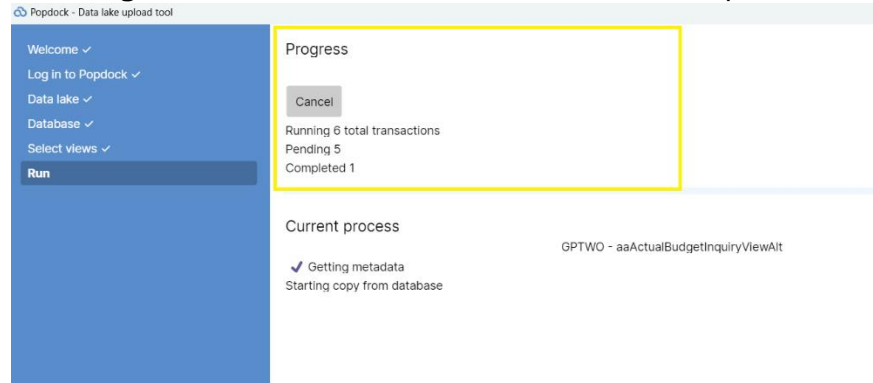
5.6.1 *Cancel the download*

Select the **Cancel** button to stop the upload and make changes to the settings in the upload tool, i.e., Data Lake, Database, etc.



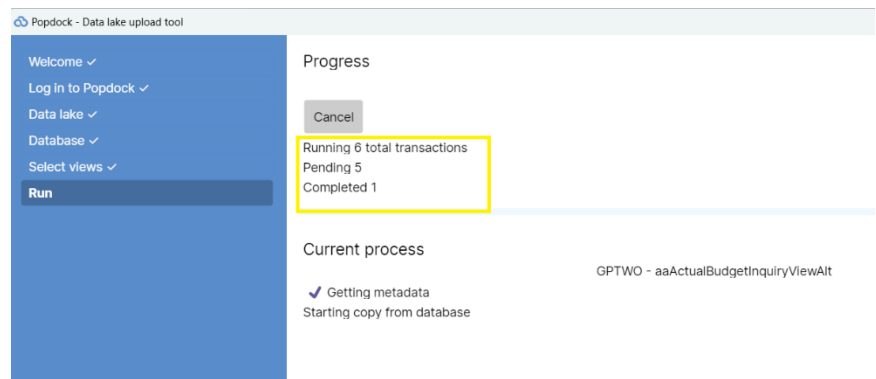
5.6.2 Track upload progress

5.6.2.1 The **Progress** section shows the overall status of the upload.

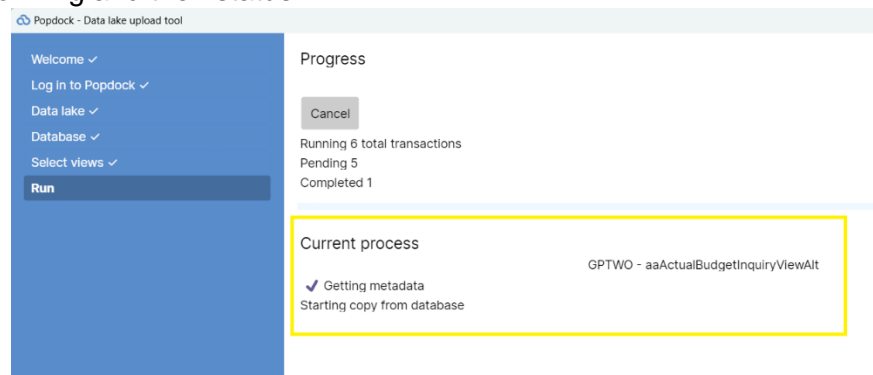


You can view the statuses below in the Progress section:

- “**Running**” is the total number to upload.
- “**Pending**” is the remaining number to upload.
- “**Completed**” is the number that uploaded successfully.
- “**Failed**” is the number that failed to upload due to an error.
- “**Zero rows**” is the number that were not uploaded due to having zero rows of data.



5.6.3 The **Current process** section displays the ongoing tasks the upload tool is performing and their status.



5.6.4 The **Report** screen will appear at the end of the upload.

You can view the statuses below in the Progress section:

- “**Success**” means the upload was successfully.
- “**Failed**” means the upload failed due to an error.
- “**Skipped**” means the upload was skipped due to zero rows of data.
- “**Cancelled**” means the upload was cancelled.

Popdock - Data lake upload tool

Welcome ✓

Log in to Popdock ✓

Data lake ✓

Database ✓

Select views ✓

Run ✓

Report

Run again

View data files

View logs

Re-run selected failures

Company	Name	Records	Bytes	Status	Retry
GPTWO	AAAccountingClasses	1	73B	Success ✓	
GPTWO	aaActualBudgetInquiryViewAlt	0	0B	Skipped ⚠	<input type="checkbox"/>
GPTWO	AAAPODOCKTEST	110	7.24KB	Success ✓	
GPTWO	AADistributionQueries	1	69B	Success ✓	
GPTWO	AAG00200V	0	0B	Skipped ⚠	<input type="checkbox"/>
GPTWO	AAG00401V	4	100B	Success ✓	

Popdock - Data lake upload tool

Welcome ✓
Log in to Popdock ✓
Data lake ✓
Database ✓
Select views ✓
Run ✓
Report

Run again
View data files
View logs
Re-run selected failures

Company	Name	Records	Bytes	Status		Retry
GPTWO	AAAccountingClasses	1	73B	Success	✓	
GPTWO	aaActualBudgetInquiryViewAlt	0	0B	Skipped	⚠	<input type="checkbox"/>
GPTWO	AAAPOPDOCKTEST	110	7.24KB	Success	✓	
GPTWO	AADistributionQueries	1	69B	Success	✓	
GPTWO	AAG00200V	0	0B	Skipped	⚠	<input type="checkbox"/>
GPTWO	AAG00401V	4	100B	Success	✓	

Popdock - Data lake upload tool

Welcome ✓
Log in to Popdock ✓
Data lake ✓
Database ✓
Select views ✓
Run ✓
Report

Run again
View data files
View logs
Re-run selected failures

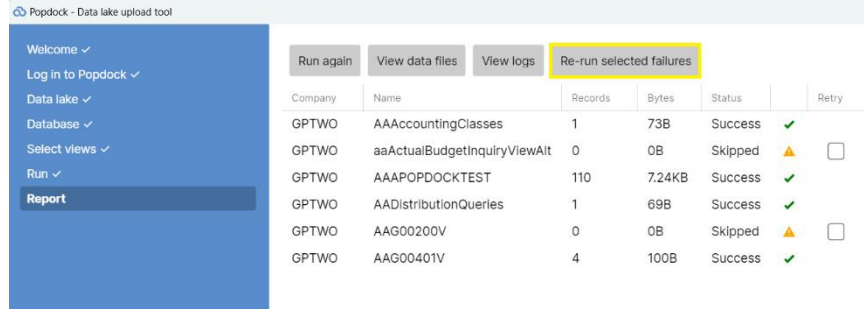
Company	Name	Records	Bytes	Status	Retry
GPTWO	AAAccountingClasses	1	73B	Success	✓
GPTWO	aaActualBudgetInquiryViewAlt	0	0B	Skipped	⚠ <input type="checkbox"/>
GPTWO	AAAPOPDOCKTEST	110	7.24KB	Success	✓
GPTWO	AADistributionQueries	1	69B	Success	✓
GPTWO	AAG00200V	0	0B	Skipped	⚠ <input type="checkbox"/>
GPTWO	AAG00401V	4	100B	Success	✓

```

12/2/2022 8:59:24 AM ERROR 0070 aib5 Invalid column name 'VACAPYR / 100.00'.
Invalid column name 'VACAPYR / 100.00'.
select [First Name], [Last Name], [Employee Number], [Job Title], [Inactive] as 'Inactive', [Title], [Last Name] as 'Last Name', [First Name] as
'First Name', [Title], [Middle Name] as 'Middle Name', [Title], [Address] as 'Address 1', [Title], [Address2] as 'Address 2', [Title], [Address3] as 'Address 3', [Title], [City] as
'City', [Title], [State] as 'State', [Title], [Country] as 'Country', [Title], [ZipCode] as 'Zip Code', [Title], [SOCSCNM] as 'Social Security Number', [Title], [BIRTHDATE] as
'Birth Date', [Title], [GENDER] as 'Gender', [Title], [ETHNICGRP] as 'Ethnic Origin', [Title], [Calc_Min_Wage_Bal] as 'Calc_Min_Wage_Bal', [Title], [DEPTFNST] as 'Department',
[Title], [FORTHTE] as 'Job Title', [Title], [VACACAT] as 'Which Cash Account For Pay', inner(select top 1 rtrim(ACCTNM) from GLOUIS where ACTNM = ACTNM), 'A
' as 'Account Number', [Title], [HWPSTN] as 'Work Hours Per Week', [Title], [STARTDATE] as 'Start Date', [Title], [ENDDATE] as 'Data Employee Inactivated', [Title], [INDEMN] as
'Reason Employee Inactivated', [Title], [MINRTYPA] as 'Minimum Net Pay', [Title], [SUBSTAT] as 'Data State', [Title], [MREKCOMP] as 'Workers Comp', [Title], [TACRACAT] as
'Auto Accrue Vacation', [Title], [VACACRMT] as 'Vacation Accrual Amount', [Title], [VACACRMTN] as 'Vacation Accrual Method', [Title], [VACAPYR / 100.00] as
'Vacation Hours Per Year', [Title], [VACAVBL / 100.00] as 'Vacation Available', [Title], [TACRMTB] as 'Auto Accrue Sick Time', [Title], [STACRMTN] as
'Ticket Accrual Method', [Title], [INTRACAM] as 'Sick Time Accrual Amount', [Title], [SRTKTM] as 'Sick Time Available', [Title], [STRTKTM] as
'Sick Time Number', [Title], [DEFWELT] as 'Federal Filing Status', [Title], [DEFWELT2], [Title], [DEFWELT3], [Title], [DEFWELT4], [Title], [DEFWELT5], [Title], [DEFWELT6] as
'Exempt From Federal', [Title], [FDWELT6] as 'Federal Filing Status', [Title], [FEDEXEMP] as 'Federal Exemptions', [Title], [ADFWELTMD] as 'Additional Federal Withholding',
[Title], [EFFTWELT] as 'Estimated Federal Withholding', [Title], [STATCD] as 'State Code', [Title], [LOCALTAX] as 'Local Tax', [Title], [WBF842E] as 'W2_Box_For_842_Employees',
[Title], [WBF842C] as 'W2_Box_For_Deceased', [Title], [WBF842D] as 'W2_Box_For_Deferred Compensation', [Title], [WBF842F] as 'W2_Box_For_Legal Representative',
[Title], [WBF842G] as 'W2_Box_For_Recirement Plan', [Title], [WBF842H] as 'W2_Box_For_Statutory Employees', [Title], [WBF842I] as 'Medicare Qualified Govt Employee',
[Title], [WBF842J] as 'EIC Filing Status', [Title], [WBF842K] as 'Withhold_W2_Box', [Title], [ADRESUSE] as 'Address Code', [Title], [ALTERNATE] as 'Alternate Name',
[Title], [BENADDATE] as 'Ben_Ad_Date', [Title], [BENEFITEXPIRE1] as 'Benefit_Expire', [Title], [BIRTHDAY] as 'Birth Day', [Title], [BIRTHMONTH] as 'Birth Month',
[Title], [CHANGEREV1] as 'Change Rev', [Title], [CHANGEREV2] as 'Change Date', [Title], [CITIZEN] as 'Citizen', [Title], [DATEOFLASTREVIEW1] as 'Date of Last Review',
[Title], [DATEOFLASTREVIEW2] as 'Date of Next Review', [Title], [DISABLEDVETERAN] as 'Disabled Veteran', [Title], [DIVISIONCODE] as 'Division Code', [Title], [FEDCLARCD] as
'Federal Classification Code', [Title], [FEDCLARCD2] as 'Federal Classification Code', [Title], [FEDCLARCD3] as 'Federal Classification Code', [Title], [FEDCLARCD4] as 'Federal Classification Code',
[Title], [FEDCLARCD5] as 'Federal Classification Code', [Title], [FEDCLARCD6] as 'Federal Classification Code', [Title], [FEDCLARCD7] as 'Federal Classification Code', [Title], [FEDCLARCD8] as
'Last Day Worked', [Title], [LOCATIONIND] as 'Location Ind', [Title], [MARITALSTATUS] as 'Marital Status', [Title], [MCNAME] as 'McName', [Title], [PERSIDEX] as 'Person ID', [Title],
[Title], [Primary Pay Record] as 'Primary Pay Record', [Title], [RATECLS] as 'Rate Class', [Title], [SMOKER1] as 'Smoker', [Title], [SPOUSE] as 'Spouse', [Title], [SPOUSESEX] as
'Spouse Sex', [Title], [SUPERVISORCODE1] as 'Supervisor Code', [Title], [EMPLOYMENTTYPE] as 'Type of Employment', [Title], [UNIONCD] as 'Union Code', [Title], [UNIONEMPLOYEE] as
'Union Employee', [Title], [VERIFIED] as 'Verified', [Title], [VETERAN] as 'Veteran', [Title], [VETERANMATHREVIEW] as 'Veteran Math Review', [Title], [WDRMTSTBLNR] as
'Workers Comp Fall Protection', [Title], [WDRMTSTBLNR] as 'Workers Comp Fall Protection', [Title], [WDRMTSTBLNR] as 'Workers Comp Fall Protection', [Title], [PHONE1] as
'Phone 1', [Title], [PHONE2] as 'Phone 2', [Title], [PHONE3] as 'Phone 3', [Title], [FAX] as 'Fax', [Title], [Foreign Address] as 'Foreign Address', [Title], [Foreign StateProvince] as
'Foreign State Province', [Title], [Foreign Postal Code] as 'Foreign Postal Code', [Title], [CCode] as 'Country Code', [Title], [OTHERVET] as 'Other Veterans', [Title], [aAnoId] as
'Node', 'First Name' + ' ' + Last Name as 'Full Name', 'Fabrikam, Inc.' + ' ' + 'OPTNO' as 'Popdock Single Quotes', 'Fabrikam, Inc.' + ' ' + 'OPTNO' as
'Popdock Double Quotes' from (select * from sblmemployees with NOLOCK) as T left join (select AAG0060.aAnoId, AAG00600.aMasterId from AAG0060 inner join
AAG00600 on AAG0060.aAnoId = AAG00600.aMasterId) as AAG00600 on AAG0060.aAnoId = AAG00600.aMasterId where AAG00600.aAnoId = 3) as T2 on T2.aMasterId =
T1. (ENGLIND)

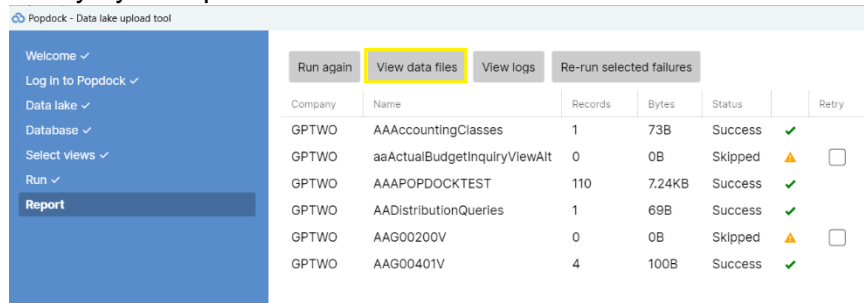
```

5.6.8 After fixing the errors in the log file, you can use the **Re-run selected failures** button to retry copying the failed lists.

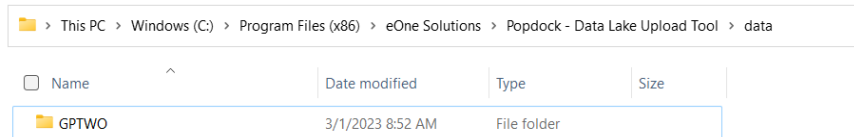


NOTE: If you have a disruption in network access that stops the upload, you can use the **Re-run selected failures** button to re-run the process.

5.6.9 The **View data files** button displays the location of the csv files copied locally by the upload tool.



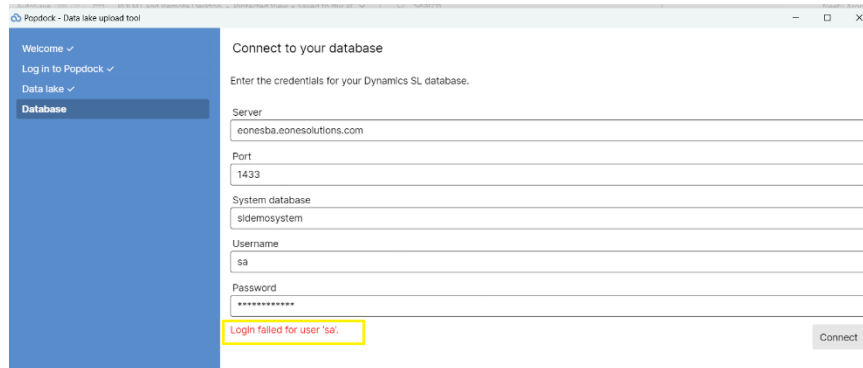
5.6.10 Select the **View Data Files** button, to display where the csv files are stored.



5.6.11 These files can take up space on your computer, so you can either copy these files to another location or delete them from the computer.

6 Troubleshoot the tool

6.1 Database “Login Failed” Error



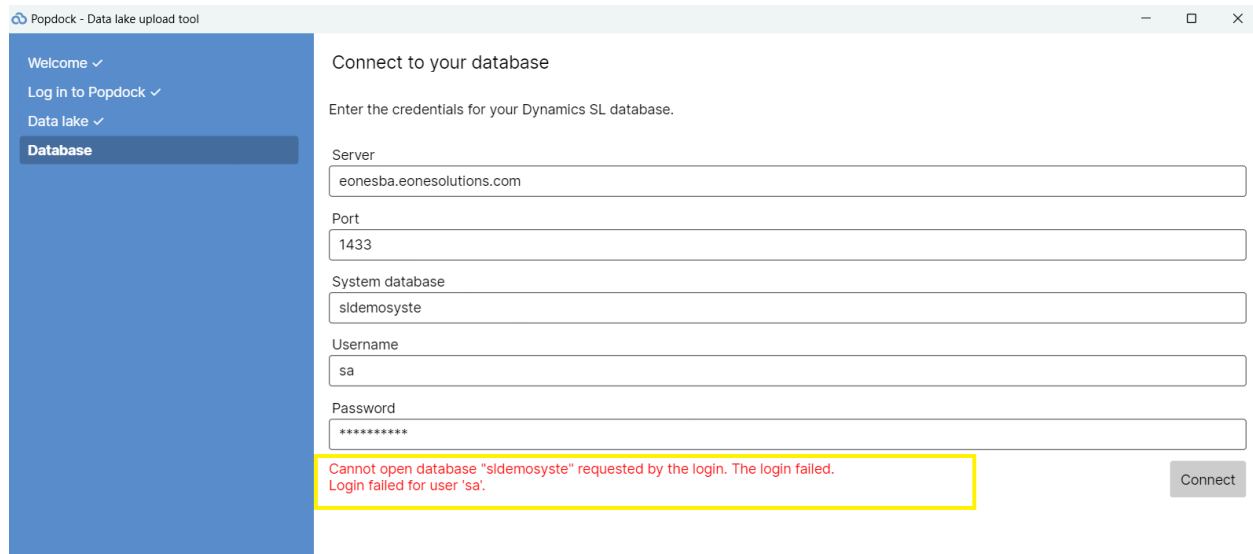
The screenshot shows the 'Popdock - Data lake upload tool' window. On the left is a blue sidebar with navigation links: 'Welcome', 'Log in to Popdock', 'Data lake', and 'Database' (which is highlighted). The main area is titled 'Connect to your database' and contains a form for entering Dynamics SL database credentials. The fields are: Server (eonesba.eonesolutions.com), Port (1433), System database (sl demosystem), Username (sa), and Password (masked with asterisks). A red error message 'Login failed for user 'sa'' is displayed in a yellow box below the password field. A 'Connect' button is at the bottom right.

If you get the “**login failed for user**” error, check that your **username** and **password** are:

- Typed correctly
- SQL Server login credentials
- Have access to the system database

NOTE: For further assistance with connecting to your database server, contact support@eonesolutions.com.

6.2 Database “Cannot open database” Error



The screenshot shows the same 'Popdock - Data lake upload tool' window as in 6.1. The credentials are the same: Server (eonesba.eonesolutions.com), Port (1433), System database (sl demosyste), Username (sa), and Password (masked). A red error message 'Cannot open database "sl demosyste" requested by the login. The login failed. Login failed for user 'sa'' is displayed in a yellow box below the password field. A 'Connect' button is at the bottom right.

The “cannot open database requested by the login” error will appear, if the computer running the data lake upload tool cannot connect to the system database.

In that case, you should:

- Make sure the server name is spelled correctly.
- Confirm that the server port entered matches the port on the SQL Server.
- Check that the SQL Server is up and running.

- Check that the system database name is entered correctly.

NOTE: *For further assistance with connecting to your database server, contact support@eonesolutions.com.*