# Flagship Dataset of Type 2 Diabetes from the AI-READI Project — Download Request Instructions

**Yu-Chao (Morris) Huang**

UNITES Lab, University of North Carolina at Chapel Hill

You can download azure storage explorer and use this URL to access this container to download the contents: https://unitesfile.blob.core.windows.net/morris?sv=2020-02-10&st=2026-02-06T16%3A49%3A09Z&se=2026-05-07T15%3A49%3A00Z&sr=c&sp=racwdlmeop&sig=lw0QmuL7qU6VWNHu0UQpOi54mIiUYxYsf5MmcEx4Qvg%3D (Please keep it confidential).

## 1 Overview

Your dataset has been copied to your Azure Blob Storage container. Due to the number and size of the files included, we recommend using one of the following clients:

- AzCopy
- Rclone

You will need to generate a SAS URI for your download with the "Read" and "List" permissions similar to the format below. See the Azure Blob Storage documentation for more information.

```
https://unitesfile.blob.core.windows.net/morris?...[SAS Token Omitted]...
```

## 2 AzCopy

**AzCopy** is a Microsoft-developed command line program designed to interact with Azure Cloud Storage. For this method you will need to download a dataset-specific Shared Access Signature (SAS) URI.

Detailed instructions on AzCopy, its installation, and its use are available from the official Microsoft documentation. Below is a brief summary of the steps you will need to accomplish your download.

1. Visit the AzCopy documentation page and download the compressed AzCopy executable for your respective operating system. These executables are available as compressed zip files for Windows/Mac users and tarball files for Linux users.
2. Extract the contents of the compressed executable in a known location on your local machine's drive.
   - Windows and Mac users can use built-in zip file applications or use third-party applications like 7zip.
   - For Linux users, please see documentation for your specific distribution for instructions on decompressing the provided tarball.
   - Possible locations include your home directory or your machine's `C:\` or binary directory.
   - For ease of use, consider adding the fully-qualified path to the AzCopy directory to your system `PATH`. If you choose not to do this, you will need to execute any AzCopy commands from the directory where AzCopy is installed.

✉ Corresponding authors: {morris}@cs.unc.edu

3. Open a terminal or PowerShell instance and execute the following:

```
azcopy copy \
  "https://unitesfile.blob.core.windows.net/morris?...[SAS Token Omitted]..." \
  "C:\local\path" \
  --recursive=true
```

   Where the `https` URL is the SAS URI you obtained from the portal and `"C:\local\path"` is the local path on your target machine.

4. Please allow time for the download to complete. Depending on the amount of data you selected, this could take several hours.

## 3 Rclone

**Rclone** is a command-line program written in Go designed to manage cloud storage. It is compatible with over 70 cloud storage solutions, including AWS S3, Azure Storage, Google Cloud Storage, and more. For this method you will also need a dataset-specific Shared Access Signature (SAS) URI.

1. Rclone is available for download as a single executable. Download the executable specific to your operating system and follow the installation instructions to install Rclone.
2. Next, configure your connection to the FAIRhub Portal Azure Blob Storage. Open your terminal or command line program of choice and run:

```
rclone config
```

   Then follow the download instructions. For authentication, use the Shared Access Signature URL that you obtained above. Be sure to leave the `account` and `key` configuration options blank and fill in the `sas_url`. Remember the name you give to the Azure Blob Storage configuration, as you will need it in subsequent steps.

3. Once Azure Blob Storage configuration is complete, you can either download to your local system or configure an additional connection to any other cloud storage provider. For example, to configure a connection to AWS S3 or an S3-compatible backend, follow the configuration instructions.
4. Once your configuration is complete, download your requested materials by issuing the following command:

```
rclone copy example-azure-config-name:blob-container-name \
  path/to/local/directory
```

   Or, for transfer to other cloud storage providers:

```
rclone copy example-azure-config-name:blob-container-name \
  example-destination-provider-config-name:path/to/directory
```

5. Please allow time for the download to complete. Depending on the amount of data you selected, this could take several hours.