Secure Share Design Document

File Transfer details

# Source Details

|  |  |
| --- | --- |
| **Name** | **Details** |
| SharePoint Site: tech  Azure SQL Database | 1. [SecureShare](https://investcorp.sharepoint.com/:f:/s/tech/Eu3Fwvq7RdRGl168i-FFFcQBZNvBv-z21owRkYUNJyLM4w?e=5LMCfm) 2. **Server:** sql-m365-prod-ne-01.database.windows.net  * **Database:** db-m365-logs-prod-ne-01 * **Table:** **Sentitems.userdetails** |
| Source File Access | [SA\_POWERBI@investcorp.com](mailto:SA_POWERBI@investcorp.com), [Ksunnapurallapalli@investcorp.com](mailto:Ksunnapurallapalli@investcorp.com), [nkarki@investcorp.com](mailto:nkarki@investcorp.com) |

Secure Share enables the user to securely send and receive files with individuals inside and outside your organization. Ideally used in the situations where the sensitive and large amount of data being exchanged, secure share users retain complete control over their shared data and can revoke access to it at any time. To track the data and user activities in the secure share we have created this Power bi Report to monitor metrics of the exchanged data. Source will be an excel file which can is uploaded by the Narendra Karki on a regular interval of time. We have created a power automate flow to automate the dashboard refresh. Whenever a file is uploaded into the SharePoint tech site (source location) the flow will detect the new file creation or modification, acts immediately runs the flow which will start refresh the dashboard instantly (refresh time depends on the data size).

Dashboard Access URL: <https://app.powerbi.com/links/aep2_mXBuy?ctid=24eb4179-fa1a-4915-99d9-c93afdf1ebe3&pbi_source=linkShare>

Requirement:

* No Of Files Transfer per Location
* No Of Files Transfer per Location – Percentage
* Files Transfer by LOB,
* Files Transfer Per User – Top 15
* Date Range Filter
* Total No of Files Transferred
* Search by email Address
* Type of Upload

Power Query:

There are two sources that we are importing into the power bi one is XLSX file from SharePoint and the other is Azure SQL DB.

Secure Share:

1. Import the data using SharePoint Folder option from the get data.
2. Change the date column format into Date-Time Type. Remove the term UTC from the column before changing its type.
3. Split the Uploaded By column into Sender (text before ‘@’ symbol) and its company (after @ symbol)
4. Create a new column “Upload type” by creating a conditional column option as If Company Name equals to Investcorp.com then Internal else External.

Azure SQL DB:

1. Import SQL DB as per the details given above. To create a connection between SharePoint and SQL use email as a common column [Uploaded By = UserPrincipalName]

Date Last Refreshed: Table will update the date when the other tables refreshed.

let

Source = DateTime.LocalNow(),

#"Converted to Table" = #table(1, {{Source}}),

#"Renamed Columns" = Table.RenameColumns(#"Converted to Table",{{"Column1", "Date Last Refreshed"}}),

#"Changed Type" = Table.TransformColumnTypes(#"Renamed Columns",{{"Date Last Refreshed", type datetime}})

in

#"Changed Type"

We can see the report Structure below: Dashboard has two pages/tabs inside.

Provided the Data last Refreshed date to identify the updated data and it has date filter which can made easy to find the data transfer details between a date range. All Visuals are made by dragging columns direct into the field and not performed any DAX calculations for simplicity.

A screenshot of a graph

Description automatically generated

A screenshot of a computer screen

Description automatically generated