USB Files Transfer Design Document

File Transfer details

# Source Details

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| --- | --- |
| **Name** | **Details** |
| SharePoint Site: tech  Azure SQL Database | 1. [USB Transfer Files](https://investcorp.sharepoint.com/:f:/s/tech/EqxWti5w26tEl86shOTrE8MBGFty4UKi0ba_m0p1V1rKQg?e=wBeLtI) 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) |

Dashboard Access URL: <https://app.powerbi.com/links/TUrLsLR0cy?ctid=24eb4179-fa1a-4915-99d9-c93afdf1ebe3&pbi_source=linkShare>

Requirement:

* No Of USB Files Transfer per Location
* No Of Files Transfer per Location – Percentage
* USB Files Transfer Per User – Top 10

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.

USB\_File\_Transfer\_List:

1. Import the data using SharePoint Folder option from the get data. Site link: [https://investcorp.sharepoint.com/sites/tech](https://investcorp.sharepoint.com/sites/tech/)
2. Change the date column format into Date-Time Type.

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 [User Name = 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 a single page.

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 to keep it simple.

A screenshot of a computer

Description automatically generated