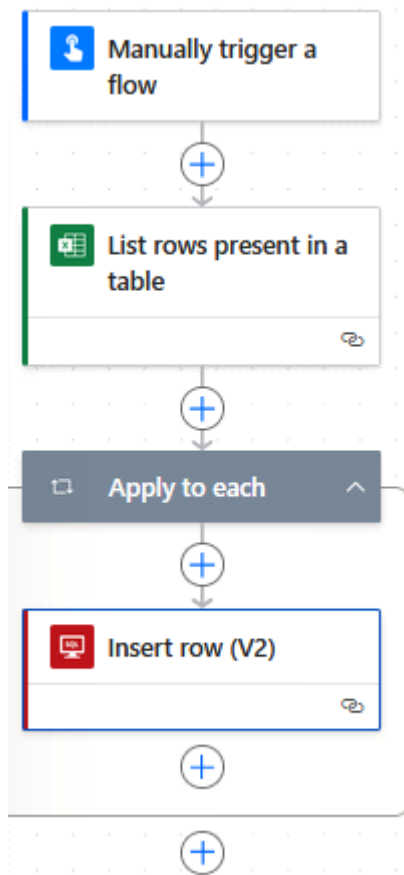


Pushing Data Into SQL Server From OneDrive

10 June 2025 11:07

Objective: Sending Excel File in OneDrive into SQL Server Database via Automation.

Tools Used: Power Automate, Excel Online(Business), OneDrive Online(Business) & SQLSERVER MANAGEMENT STUDIO.



Steps:

Trigger : Manually Created

List : Rows Present in Table: To get all the rows from Excel File on OneDrive

Apply To Each: Row by Row Each row will be send for the next Step.

Insert row V2 (SQL Server): Rows Started to pushed into SQLSERVER Database of table.

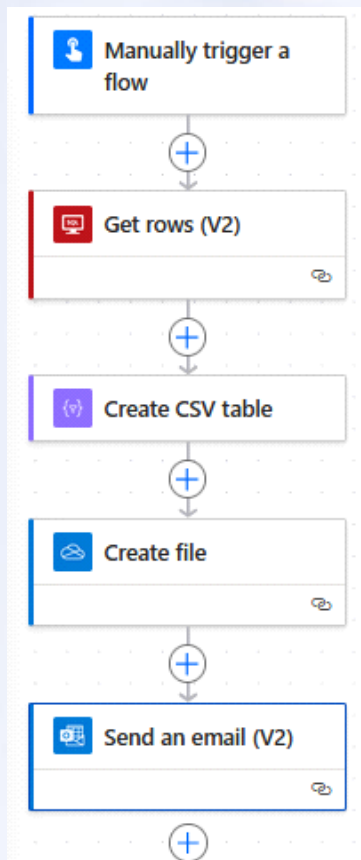
Note: Before pushing Data into SQL Server firstly Table must be defined there with exact same Column names and Datatypes.

Automated Delivery of Filtered SQL Data to OneDrive and Email

10 June 2025 11:41

Objective : Filtered data from SQL Server Database transferred to One Drive and as an Email Attachment

Tools Used : SQL SERVER, Power Automate, One Drive Online & Outlook Business.



Steps:

Trigger : Manually Created for initialization of flow.

Get Rows V2 (SQL Server): Pulling the data from database on top of that filtered query is perform so that we get the desired filtered result.

Create CSV Table: Converted the pulled rows into CSV format table.

Create File (OneDrive For Business): Creates an newly created file in given path of OneDrive.

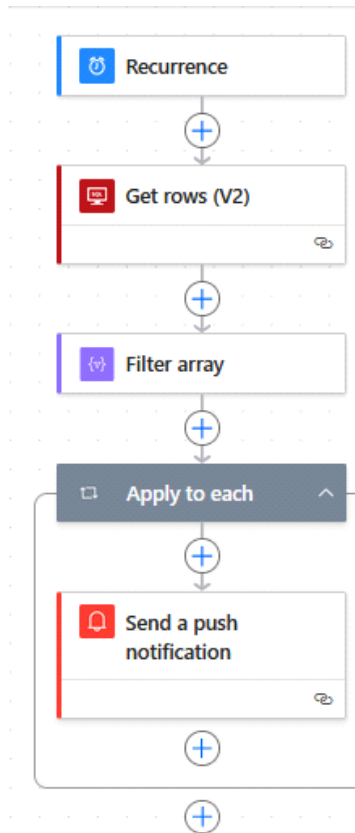
Send an Email V2: Pushed the filtered data as an attachment to Email.

Notify when particular type of Data arrives in SQL SERVER Database

10 June 2025 12:15

Objective: Notification comes when particular type of Data arrives in SQL SERVER Database

Tools Used: Power Automate, SQL SERVER, Power Automate Mobile App.



Steps:

Recurrence: Automatic Runs this to particular time.

Get Rows V2 (SQL Server): Pulling the data from database.

Filtered array: Checks the data for particular criteria.

Apply to Each:

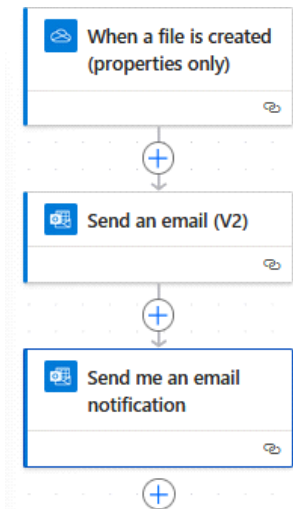
Send a Push Notification: If criteria met from the pulled data then notification will be send onto Power Automate Mobile app.

Notify When a New File Inserted/Uploaded into One Drive Folder

10 June 2025 12:27

Objective: Sends notification when new file created to particular OneDrive folder/path.

Tools Used: Power Automate, OneDrive Business, Outlook



Steps:

When a file is created: It takes the path of folder.

Send an email V2: when new file is uploaded to the folder it sends notification.

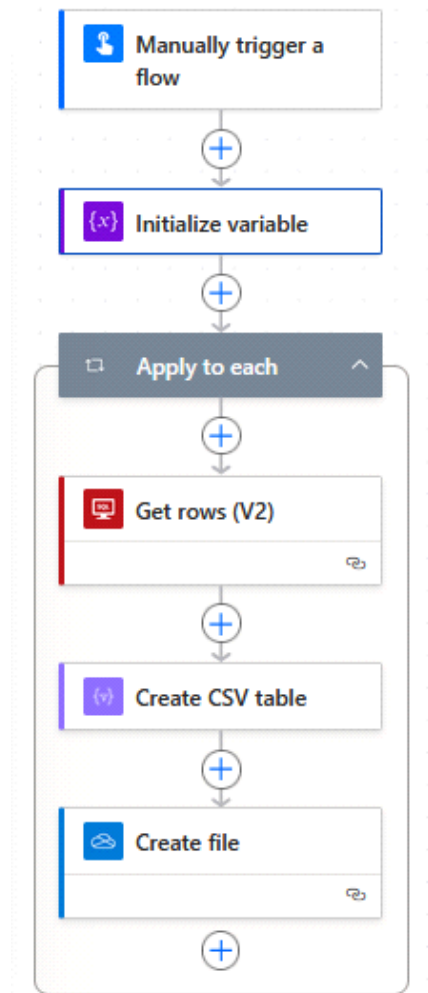
Pushing Entire Database (All files) of SQL Server into OneDrive

10 June 2025

12:44

Objective: Bulk Push or All files in database to be uploaded into OneDrive

Tools Used: SQL Server, Power Automate, OneDrive



Steps:

Trigger: Manually Created

Initialize Variable : An array of all table names in Database will be write down here.

Apply To Each : Loop will be initialize

Get Rows V2 (SQL Server) : Within the loop it will take the name of tables from Initialize Variable and start importing rows of table mention in above step.

Create CSV Table: Now Rows from Each table will be converted into CSV spreadsheet.

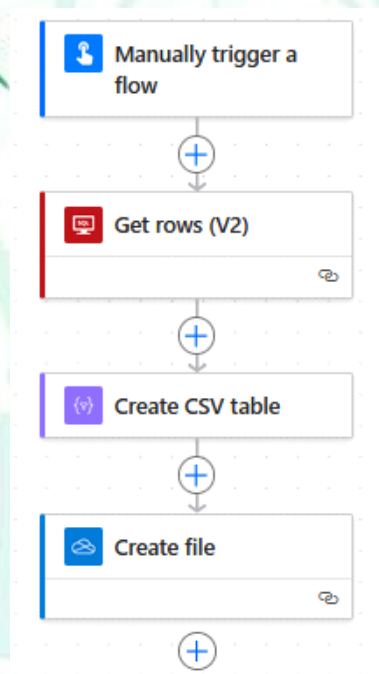
Create File : New files will be created in given OneDrive Path.

Uploading SQL Database file into OneDrive

10 June 2025 12:44

Objective: Pushing File into OneDrive From SQL Server

Tools: SQL Server, Power Automate, OneDrive



Steps:

Trigger: Manually Created

Get Rows: Takes the rows from mentioned table from SQL Database.

Create CSV table : Taken rows now will be converted into CSV format file.

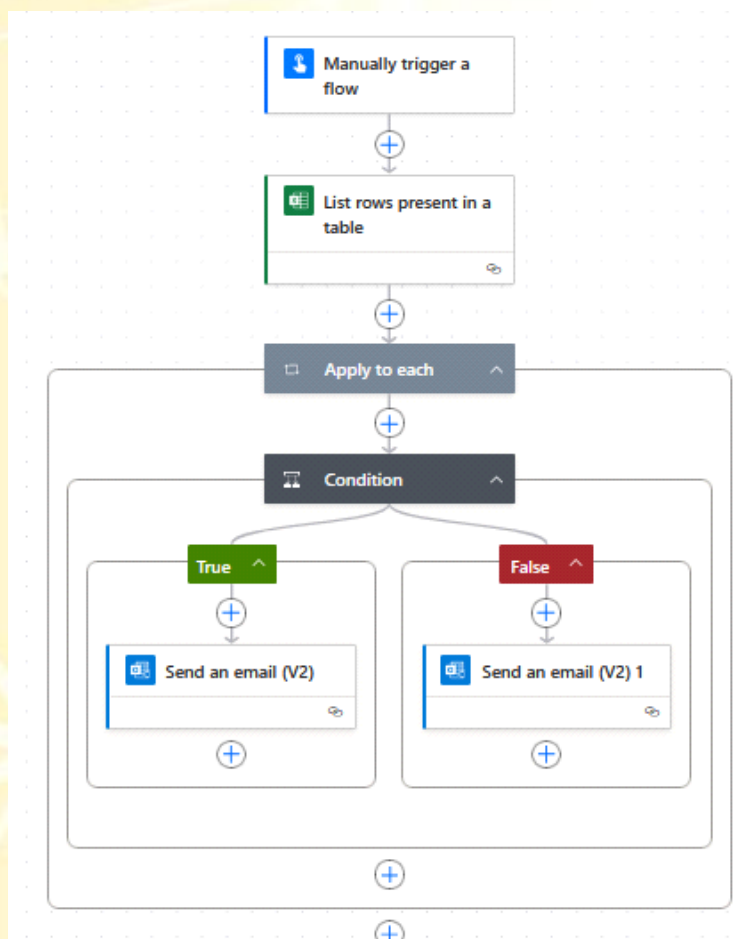
Create File : New file will be created in OneDrive given path.

Sending Alerts to Customer with Pending Payments

10 June 2025 20:06

Objective: From the transaction table send the reminder to customer having Due Amount to be paid.

Tools : Excel Online, Outlook, Power Automate



Steps:

Trigger: Manually/Automated

List Rows Present in a Table: Takes each row from excel sheet from OneDrive.

Apply To Each: Loop will be invoked to each row.

Condition: It check whether Due_Amount>0 or not.

True: Email Reminder will be send to customer via their Email ID.

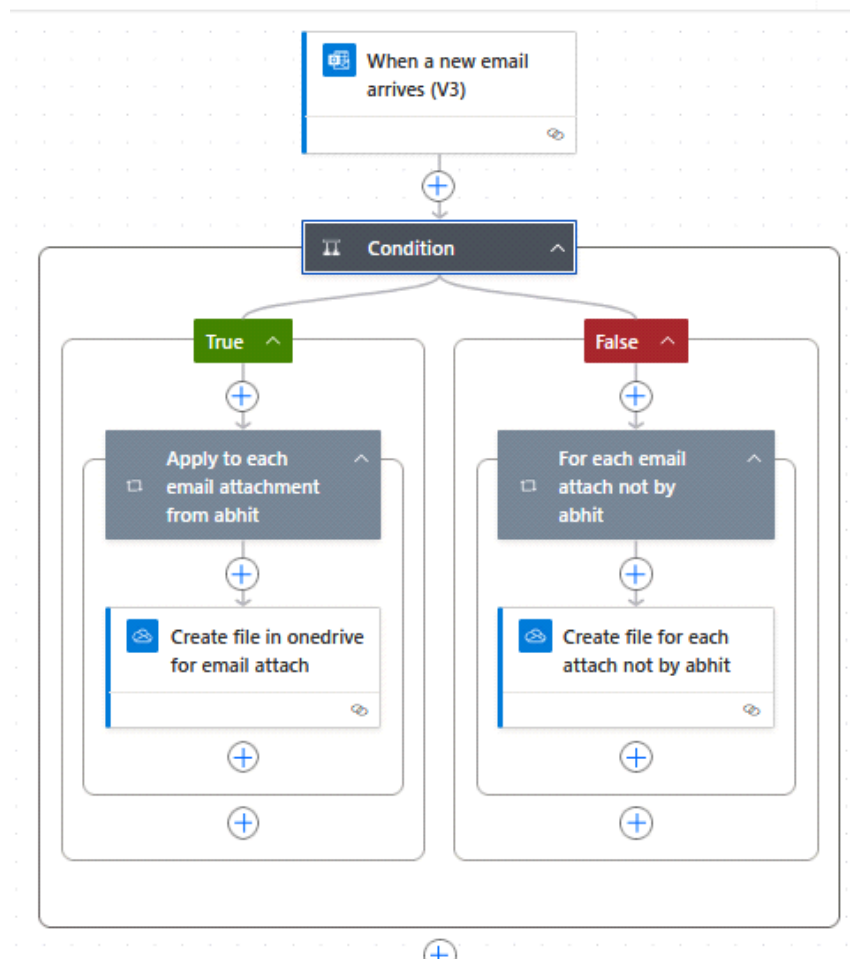
False: Thanks giving message will be send to them for their visit.

Storing Emails Attachments from Particular Domain name onto OneDrive

10 June 2025 20:21

Objectives: Email Attachments from Particular person/domain into One location and rest of the other attachments to other path/location on OneDrive.

Tools: Excel Online, Power Automate, Outlook, OneDrive



Steps:

Trigger: Automated Cloud Flow

When a new Email Arrives: Checks if new email with attachment arrives.

Condition: It checks whether the Email containing Attachment received belongs to particular name or domain.

True: After meeting condition attachment will be saved to given path in OneDrive.

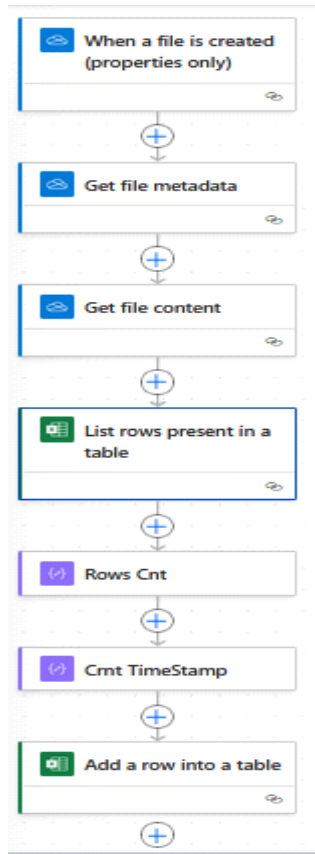
False: After meeting condition attachment will be saved to given alternate path in OneDrive.

Log New Excel Records from OneDrive Source to Transaction Log

11 June 2025 10:36

Objectives : Automatically monitor a SQL Server table for new rows, and whenever a new record is inserted, log key details into another table named Transaction_Log.

Tools Used : Power Automate, Transactions.xlsx, Logs.xlsx, OneDrive



Steps:

Trigger: Automated Cloud Flow runs every 7 days.

Get File Metadata:

Get File Data:

List rows present in table: Take data from Transactions table in OneDrive.

Compose (Rows Cnt) : Function created to count total no of present rows in transactions table

Compose (Cmt TimeStamp) : Provides Timestamp whenever it detects change in rows.

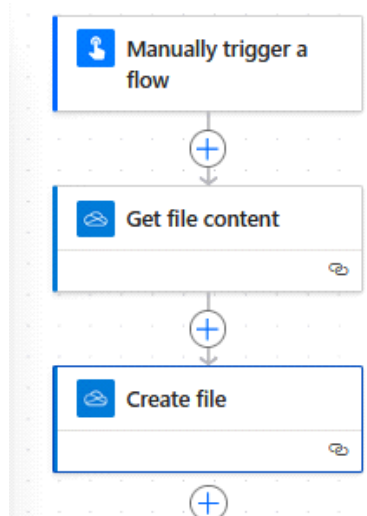
Add a row into Table: Add rows into Logs.xlsx table from the compose steps we created.

Replication of Excel file in OneDrive

11 June 2025 10:50

Objective: Copy the file from one path to another path/folder.

Tools : Excel Online, Power Automate, OneDrive



Steps: Manual

Get File Content : Get Data from OneDrive given path.

Create file: Uploads the file content to new provided path.