

Power Automate

Schedule:

1. Show and Tell
2. Lab

Power Automate, AI Builder Show and Tell



Agenda

- Background of Project
- Power Automate + AI builder
- SharePoint Connector
- SQL Connector

Background of Project

ABM Upload Tracker

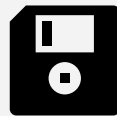
- Create a system to track uploaded devices to ABM
 - 14 days since VZW + ATT + Insight + Best Buy
 - Error Notification

Power Automate

Plan to store data in SharePoint

Trigger: **When an email comes in**

- Convert and save email as a PDF



- Parse PDF for data



- Upload data to SharePoint list



How To Access

The screenshot illustrates how to access the DPR Toolbox website. On the left, the Windows Start menu is open, showing a list of applications. The 'Teams' app icon is highlighted with a yellow rectangle, indicating it is the application used to access the website. The main browser window displays the DPR Toolbox homepage. The page features a blue header with the 'DPR Toolbox' logo and navigation links: 'OUR CULTURE', 'WORKGROUPS', 'CORE MARKETS', 'REGIONS', 'TOOLBOX TOOLS', and 'COVID-19'. A search bar is located below the header. The main content area includes a large banner for 'Healthcare INSIGHTS' with the subtitle 'Constructing with Care for a Burnt-out Workforce'. Below the banner, there are several news articles and a 'TRENDING VIDEOS' section. The 'TRENDING VIDEOS' section lists videos such as 'When Grasshoppers Attack — OUR 180T...', 'DPR Culture Con - 2022 Roadshow', 'Lean Leadership Week 4 Learning: Adv...', 'Superintendent changing mindset using ...', and 'DPR IT Policy'.

Office →

Apps

- Outlook
- OneDrive
- Word
- Excel
- PowerPoint
- OneNote
- SharePoint
- Teams
- Yammer
- Power Autom...
- Power BI
- Planner

All apps →

Documents

New ▾

- ABM_Verizon-AccountConsolidation ...
- SharePoint - D... → Apple Busin...
- First ABM sheet input
- Cole Thompson... → Documents
- devices_1652378802756
- Cole Thompson... → Microsoft Tea...

More docs →

DPR Toolbox

OUR CULTURE WORKGROUPS CORE MARKETS REGIONS TOOLBOX TOOLS COVID-19

Search Toolbox

Search

Healthcare INSIGHTS

Constructing with Care for a Burnt-out Workforce

News Across DPR

Management Committee Updates

Our Point of View

Integrated Webinars

Employee Guidebook

Environmental Health & Safety

Project Map

Employee Benefits Guide

Payroll Information

Internal Job Opportunities

TRENDING VIDEOS

- 05:01 When Grasshoppers Attack — OUR 180T...
- 01:48 DPR Culture Con - 2022 Roadshow
- 10:48 Lean Leadership Week 4 Learning: Adv...
- 02:35 Superintendent changing mindset using ...
- 07:20 DPR IT Policy

> My Flows

Power Automate

Search for helpful resources

Hi Cole

What would you like to automate?

Choose a task to quickly automate with a prebuilt template.

[Organize email attachments](#) [Get or send notifications](#) [Track completion of tasks](#)

Save Outlook.com email attachments to your OneDrive
By Microsoft Power Automate Community
Automated 165727

Save email attachments from Outlook.com to Dropbox
By Microsoft
Automated 3087

Save Gmail attachments to your Google Drive
By Microsoft
Automated 30972

Save email attachments to the File System
By Microsoft Power Automate Community
Automated 23117

Save Gmail attachments to your desktop PC
By Microsoft
Automated 3031

Learning for every level [See all](#)

MODULE
Get started with Power Automate
1 hr 8 min, 11 modules
[Power Platform](#) [Power Automate](#) [Beginner](#)

MODULE
Build more complex flows with Power Automate
1 hr 38 min, 15 modules
[Power Platform](#) [Power Automate](#) [Beginner](#)

LEARNING PATH
Implement robotic process automation with Power Automate, Teams, UI flows, and AI Builder
2 hr 5 min, 8 modules
[Power Platform](#) [App Maker](#) [Intermediate](#)

MODULE
Introduction to Power Automate security and governance
47 min, 7 modules
[Power Platform](#) [Administrator](#) [Intermediate](#)

More to explore in Power Automate

Pricing
Check out Power Automate plans and add-ons or start a trial.
[Compare plans](#)

Video how-tos
Watch and learn with dozens of helpful YouTube videos.
[Explore videos](#)

Community forum
Connect with peers, share ideas, and learn from the experts.
[Join the discussion](#)

Documentation
Learn or troubleshoot by topic—beginner to pro dev.
[Build your skills](#)

Ask a chatbot

> Shared with me

Power Automate

Search for helpful resources

Home
Action Items
My flows
Create
Templates
Connectors
Data
Monitor
AI Builder
Process advisor
Solutions
Learn

Flows

Cloud flows Desktop flows Business process flows Shared with me


Install


	Name	Modified	Type
	AM ABM ErrorListAddition	1 h ago	Automated
	AM FL Save attached AT&T / DPR Month End Rep...	4 d ago	Automated
	AM FL Copy Latest Europe Staff File	6 d ago	Automated
	AM FL Europe Staff DFL Refresh	6 d ago	Automated
	AM AI Data Destruction Cert PDF OCR	2 wk ago	Automated
	AM AmazonAnalyticsAutoRefresh	2 wk ago	Automated
	AM ABMSQLConnector	3 wk ago	Automated
	AM FL VZW MDN AutoSave/Delete/Copy	1 mo ago	Automated
	AM ABM ListCertPDF	1 mo ago	Automated
	AM ABM EmailtoOnedrive	1 mo ago	Automated
	AM ABM PDFaBuildertoList	1 mo ago	Automated
	AM FL Carrier Data ATT OES Copy	1 mo ago	Automated
	AM FL Carrier Data ATT Main Copy	1 mo ago	Automated
	AM ABM OneDriveToSharePoint	1 mo ago	Automated
	AM FL Attached Data Deletion Cert to SharePoint	1 mo ago	Automated
	AM DFL - Log MOBILITY VIP	2 mo ago	Automated
	AM DFL Log - Log EUROPE PHONE	2 mo ago	Automated
	AM DFL Log - Log SOLARWIND OTHER ASSET	2 mo ago	Automated


Ask a chatbot

Error Notification

Submission Error



Apple Business Manager <noreply@email.apple.com>
To  Cole Thompson


Retention Policy 11 Year Retention (11 years)
 If there are problems with how this message is displayed, click here to view it in a web browser.


Expires 7/5/2033

Reply

Reply All

Forward





Fri 7/8/2022 7:43 AM

EmailTranslator V1.1

+ Get more add-ins



Submission Error

There were errors in the submission made by CDW on your behalf to Apple Business Manager on July 8, 2022 at 6:30:11 AM PDT. Please follow up with CDW for additional details.

Order Number	Order Date
 CDW/1C81675/000	June 13, 2022

Create Error Notification

- When a new email arrives
- Create an item in the list
- Send a notification to the team

The screenshot displays a Power Automate flow with three steps connected by arrows:

- Trigger:** "When a new email arrives (V3)". The "Folder" is set to "ABM Submission Error".
- Action:** "Create item". The "Site Address" is "https://dprprod.sharepoint.com/sites/assetmanagementteam". The "List Name" is "ABM Device Upload". The "Order Number", "Uploader Name", and "More Rows Error" are all set to "Submission Error". The "Order Date" is set to "Received Time".
- Action:** "Send an email notification (V3)". The "To" field is "MobilitySupportGroup@dpr.com". The "Subject" is "ABM Upload Error". The "Body" contains the text: "An error has occurred with submissions made into ABM. See ABM emails to check the uploader."

Trigger

Action

Action

Email Received

Devices Available



Apple Business Manager <noreply@email.apple.com>

To ● Cole Thompson

Retention Policy 11 Year Retention (11 years)

Expires 10/10/2033

If there are problems with how this message is displayed, click here to view it in a web browser.

EmailTranslator V1.1

Reply

Reply All

Forward



Thu 10/13/2022 11:48 PM

+ Get more add-ins



Devices Available

The devices submitted by VERIZON WIRELESS on your behalf and received by Apple on October 13, 2022 at 11:06:50 PM PDT are now in Apple Business Manager.

Order Number	Order Date
VZW_2153601_4927282_1	October 12, 2022
VZW_W211501_9043713_1	October 13, 2022
VZW_W211501_9043747_1	October 13, 2022
VZW_W211501_9044131_1	October 13, 2022
VZW_W211501_9046475_1	October 13, 2022
VZW_W211501_9046523_1	October 13, 2022
VZW_W211501_9046691_1	October 13, 2022
VZW_W211501_9046723_1	October 13, 2022
VZW_W211501_9046784_1	October 13, 2022

Convert and Save Email as PDF

Power Automate

When a new email arrives

Folder: ABM Devices Available

To: colet@dpr.com

CC: CC recipient email addresses separated by semicolons (If any match,

To or CC: To or CC recipient email addresses separated by semicolons (If any n

From: noreply@email.apple.com

Importance: Any

Only with Attachments: If set to true, only emails with an attachment will be retrieved. Emails with

Include Attachments: No

Subject Filter: String to look for in the subject line.

Hide advanced options ^

Export email (V2)

* Message Id: Message Id

Original Mailbox Address: Address of the shared mailbox to export from.

Create file

* Folder Path: /Documents/AM ABM Upload Storage

* File Name: Received Time .eml

* File Content: Body

Convert file (Preview)

* File: Id

Target type: PDF

Create file 2

* Folder Path: /Documents/AM ABM Upload Storage

* File Name: Received Time .pdf

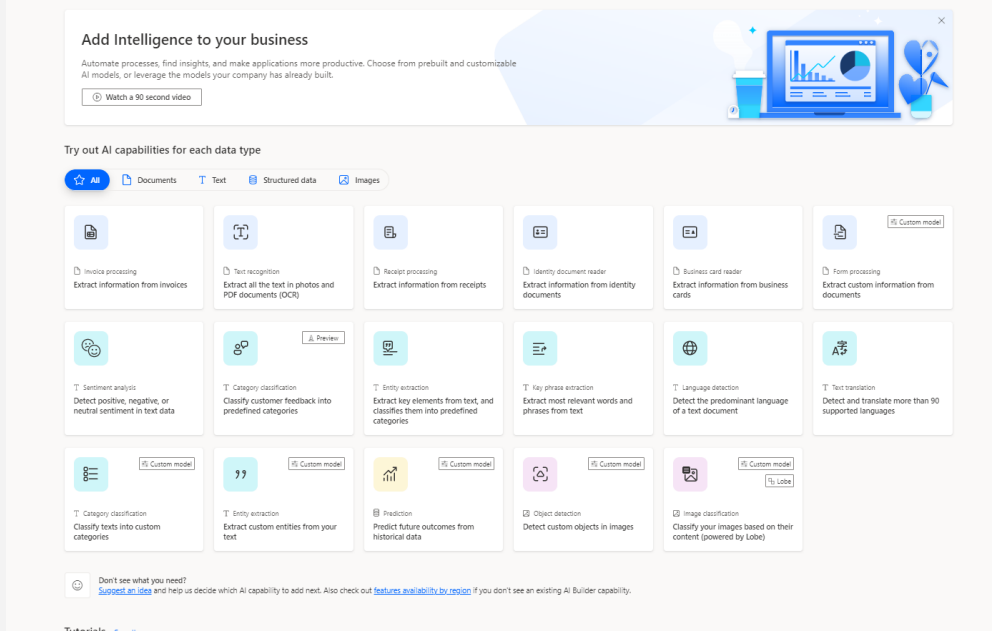
* File Content: Body



AI Parsing Model

AI Parsing Model

- Power Automate feature
- Automate processes
 - scanning invoices
 - extracting text
 - detect images
 - translate text



See premade options for AI builder

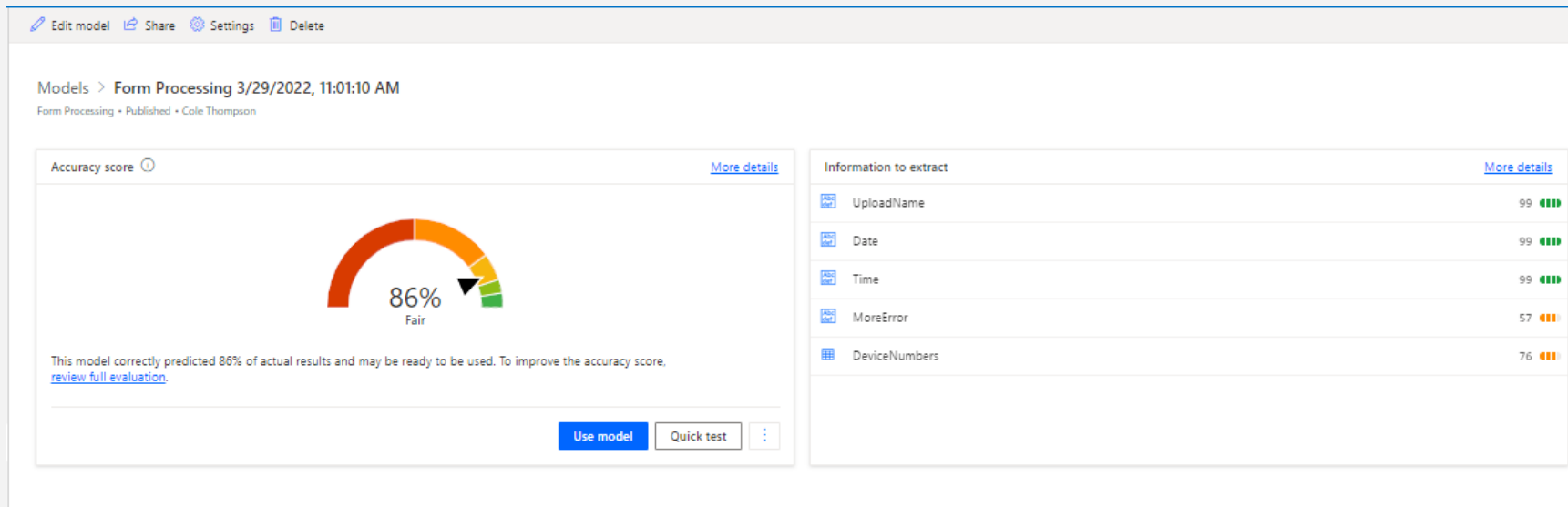
AI Builder in Power Automate

- If File is created
- Extract information with AI Builder
- Pull into a SharePoint list:
 - Device Number
 - Uploader Name
 - Order Date
 - Available Date
 - If More Rows Error

The screenshot displays a Power Automate flow with the following steps:

- When a file is created in a folder**: This step is configured with the Site Address as `https://dprprod.sharepoint.com/sites/asset_leadership_team` and the Folder Id as `/Shared Documents/Mobility Power@/ABM Upload PDF`.
- Extract information from forms**: This step uses the AI Builder Form Processing model. It is configured with the AI model set to `Form Processing 3/29/2022, 11:01:10 AM`, the Form type set to `Content-Type`, and the Form set to `File Content`.
- Apply to each**: This step is used to iterate over the outputs from the previous step. It is configured with the output `DeviceNumber...` selected.
- Create item**: This step is used to create a new item in a SharePoint list. It is configured with the Site Address as `Asset Management Team - https://dprprod.sharepoint.com/sites/assetmanagementteam` and the List Name as `ABM Device Upload`. The fields are mapped as follows:
 - Order Number: `DeviceNumber...`
 - Uploader Name: `UploadName v...`
 - Order Date: `DeviceNumber...`
 - Available Date: `Date value`
 - More Rows Error: `MoreError value`

End Result of AI Parsing



- Uploaded 10 files to train the AI
- NEED: Uploader and Date - 99% correct

Summary

- Data moving from Emails to SharePoint list

Next Steps

- Need to parse through data and get last 14 days of data, then check for each uploader

SQL 

Power ~~automate~~