European
Power Platform
Conference

BRUSSELS
11–13 JUNE 24

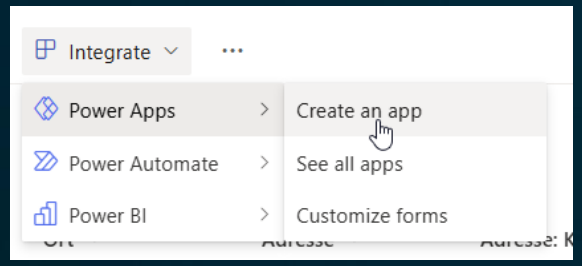
Customize your UX one Page at a Time – Custom Pages in Model Driven Apps

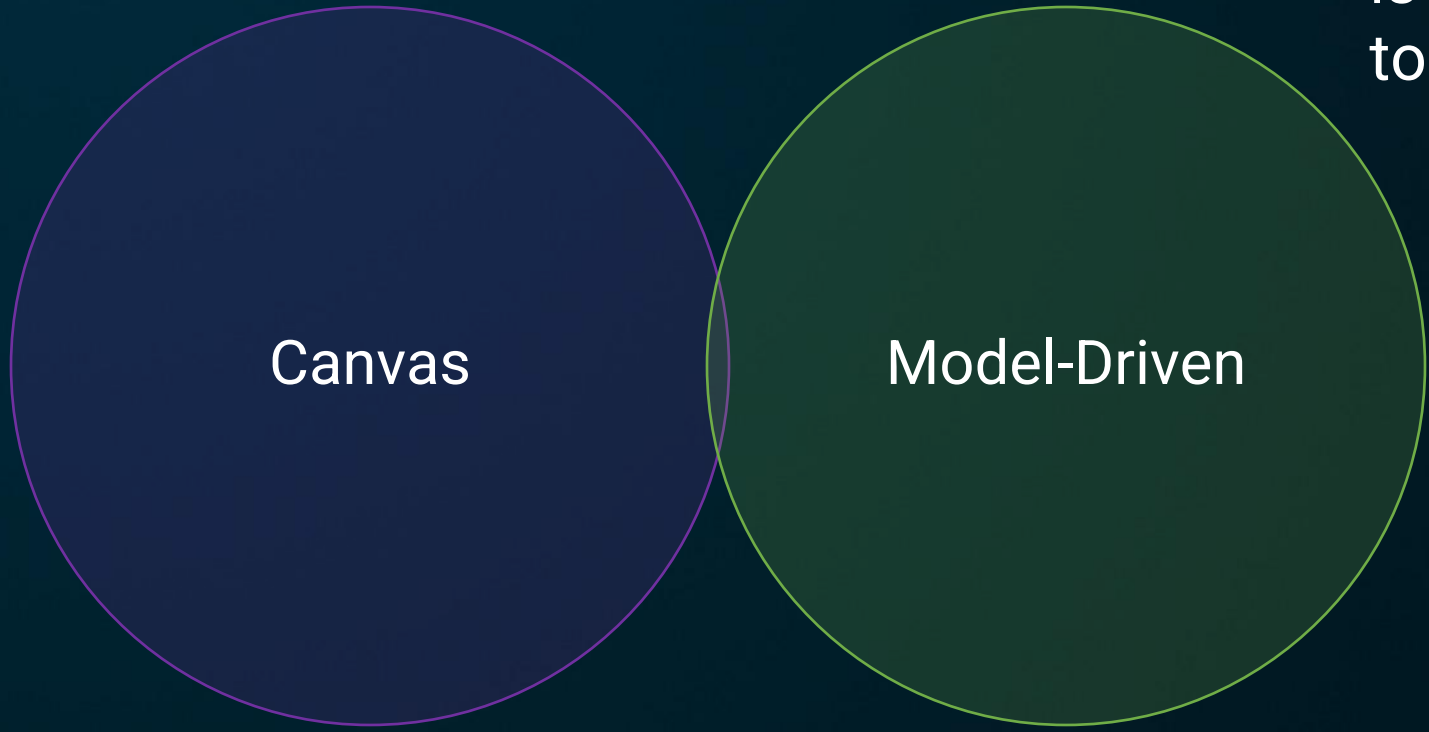
ROBIN ROSENGRÜN

ENABLER, EnBW AG, Germany

1. Power Appers 2020 vs. 2024
2. How to build Power Apps in 2024
3. Types of Custom Pages
4. Examples
5. Design Tips for Custom Pages
6. My wish list for Microsoft

Power App(er)s 2020





The classic editor is so much easier to use

Model-Driven Apps

Canvas Apps

The truth about Canvas Apps

- We are building Business Applications
- Our Apps don’t need to be beautiful, but functional
- We don’t need a unique UX
- 95% of Canvas App Makers can’t create a UI that is better than a Model-Driven App

Model-Driven Apps

PROS

- Design standards
- Quick to create
- Lots of out of the box functionality

Model-Driven Apps

PROS

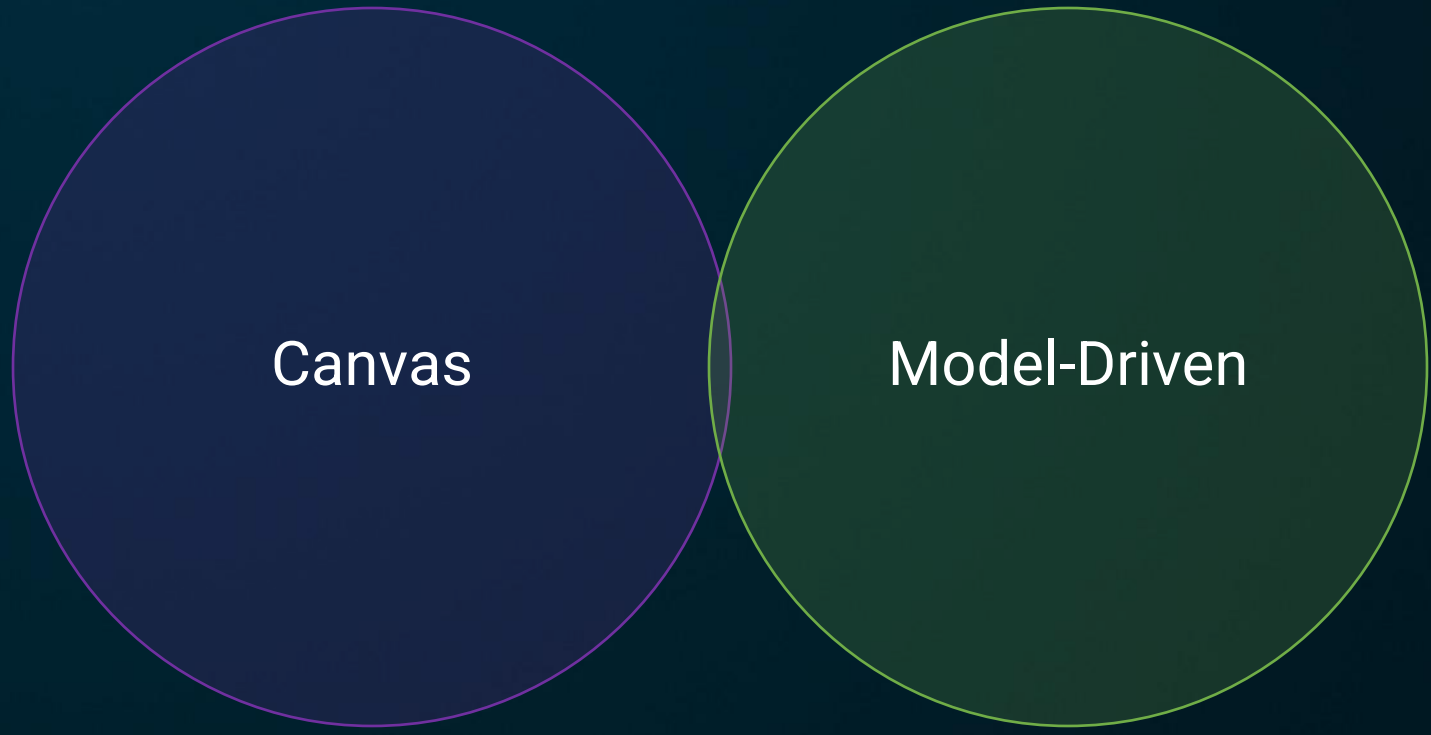
- Design standards
- Quick to create
- Lots of out of the box functionality

Canvas Apps

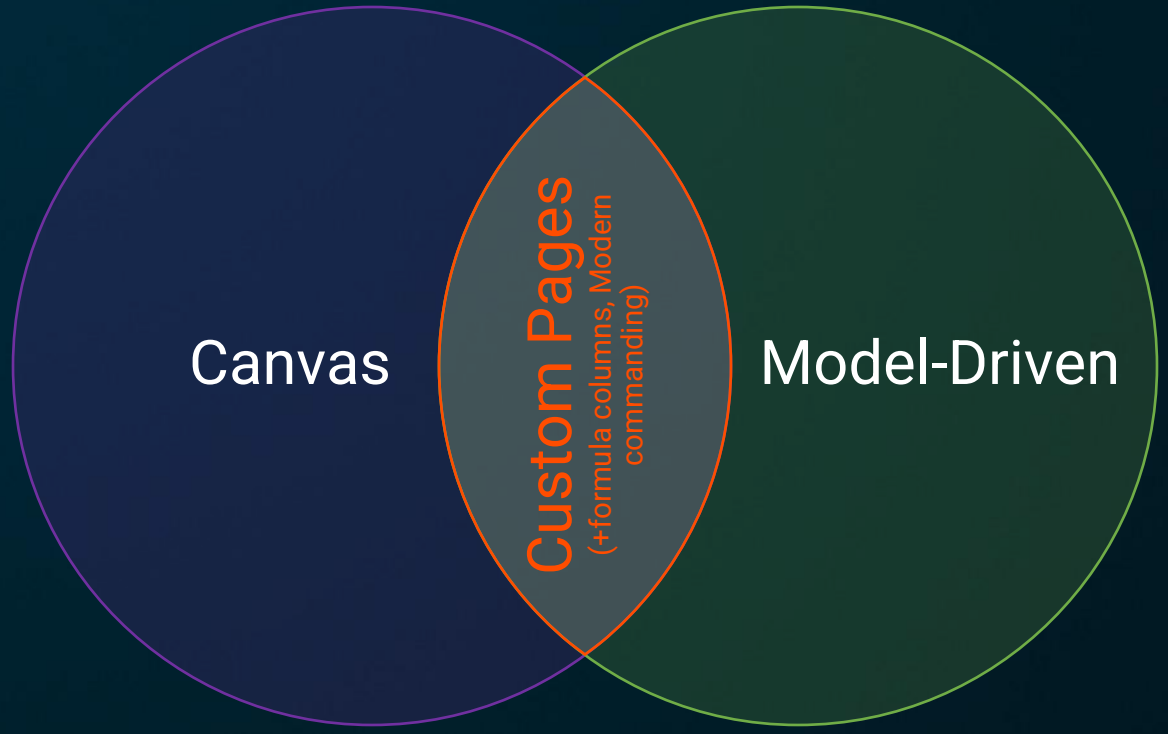
PROS

- Pixel perfect Apps
- Custom Logic with Low Code
- External Datasources / APIs

How to build Power Apps in 2020

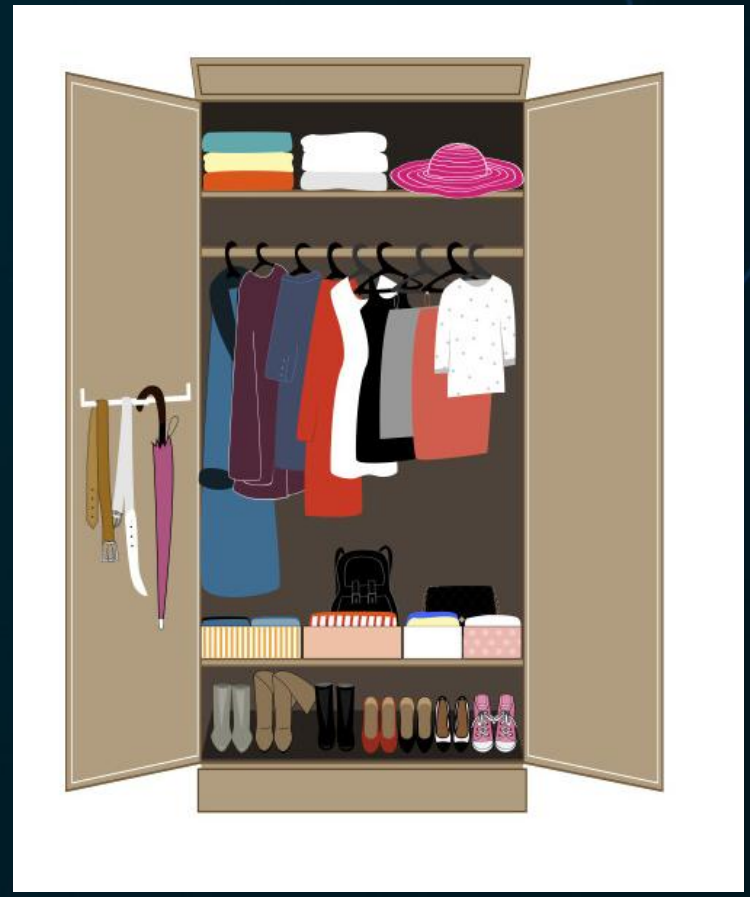


How to build Power Apps in 2024



Your 20 screen Canvas App

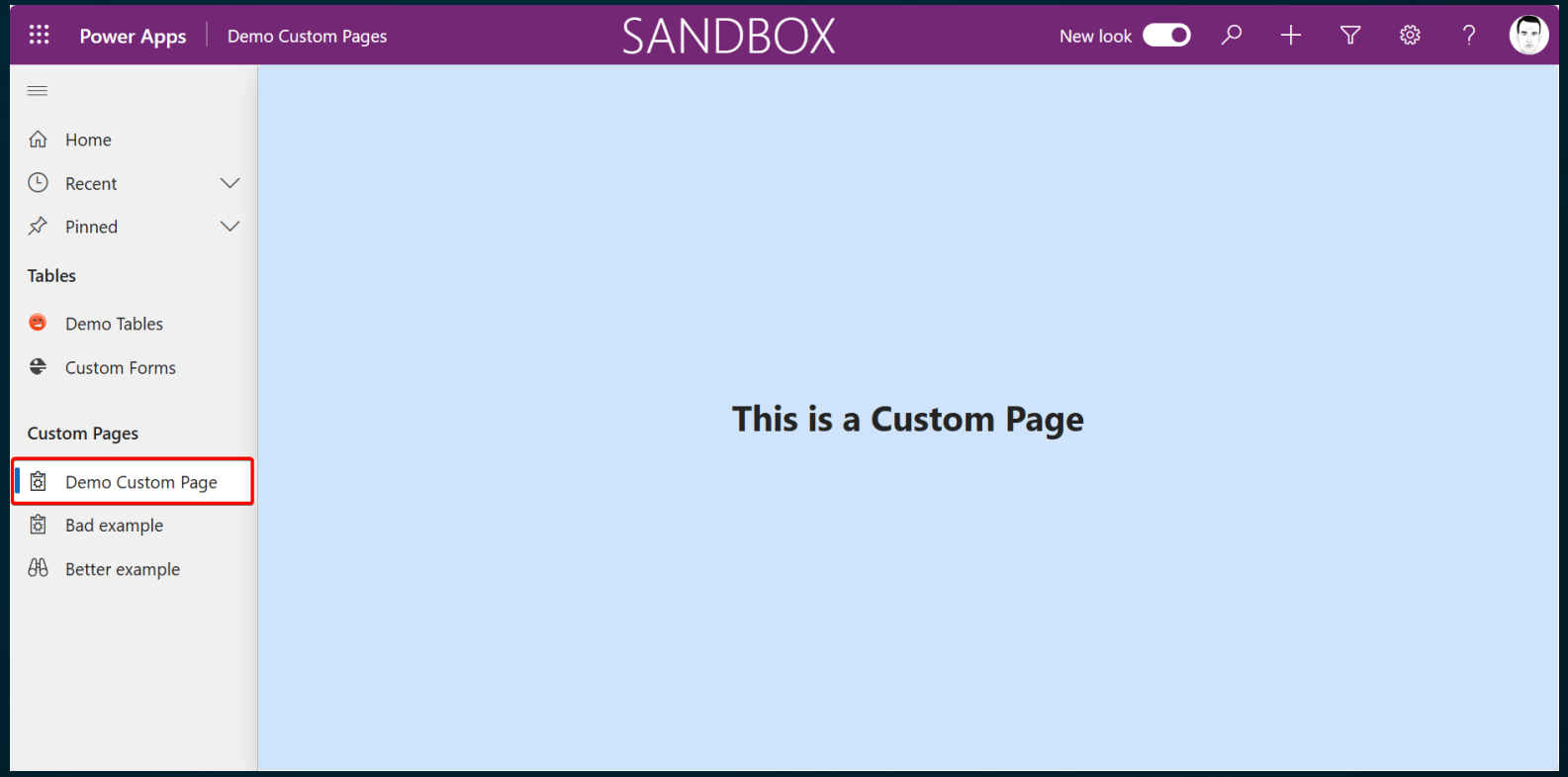
MDA with 5 Custom Pages



Types of Custom Pages

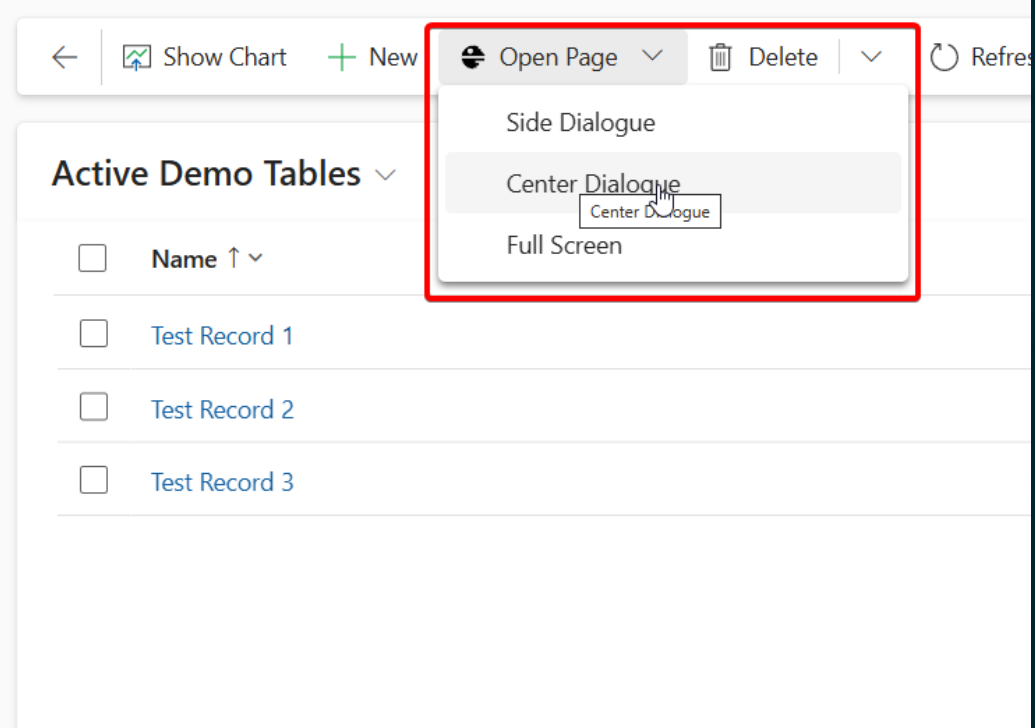
- Navigation
- Dialogue
- Inside MDA Form
- Open From Grid

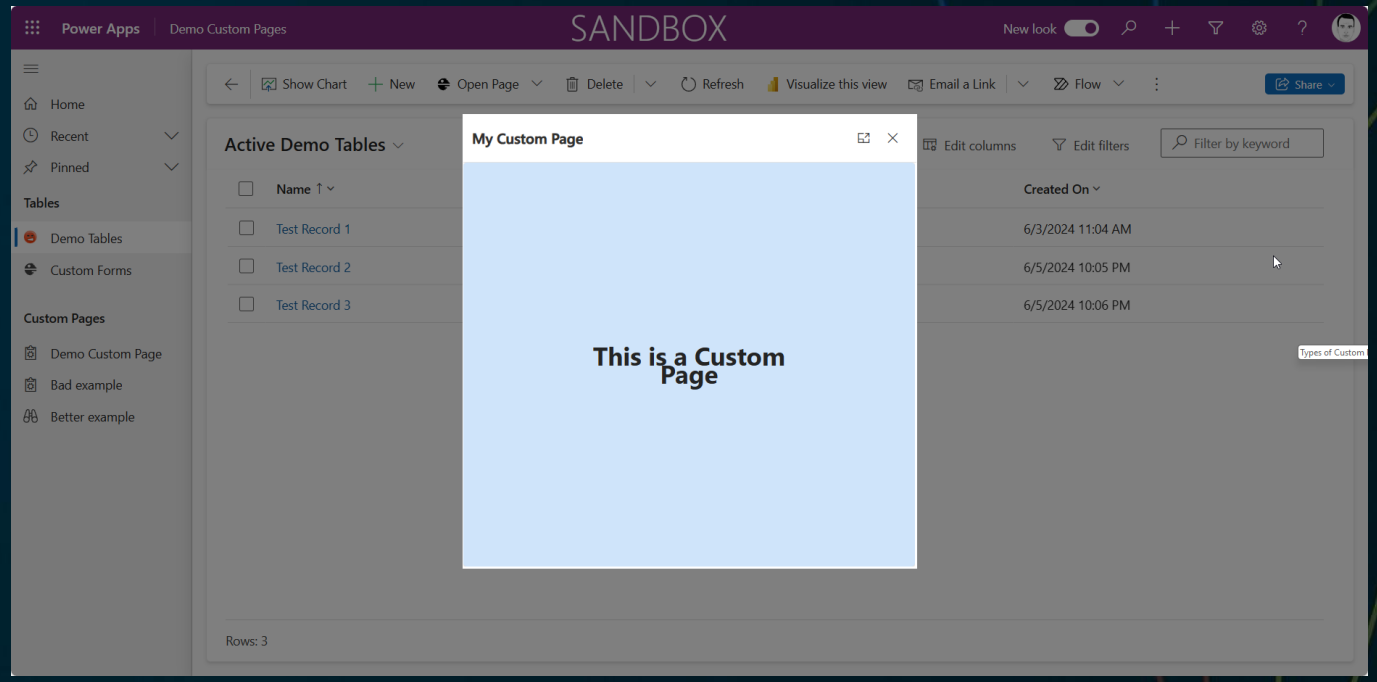
Navigation



- In-product: Just click “Add page -> Custom page”

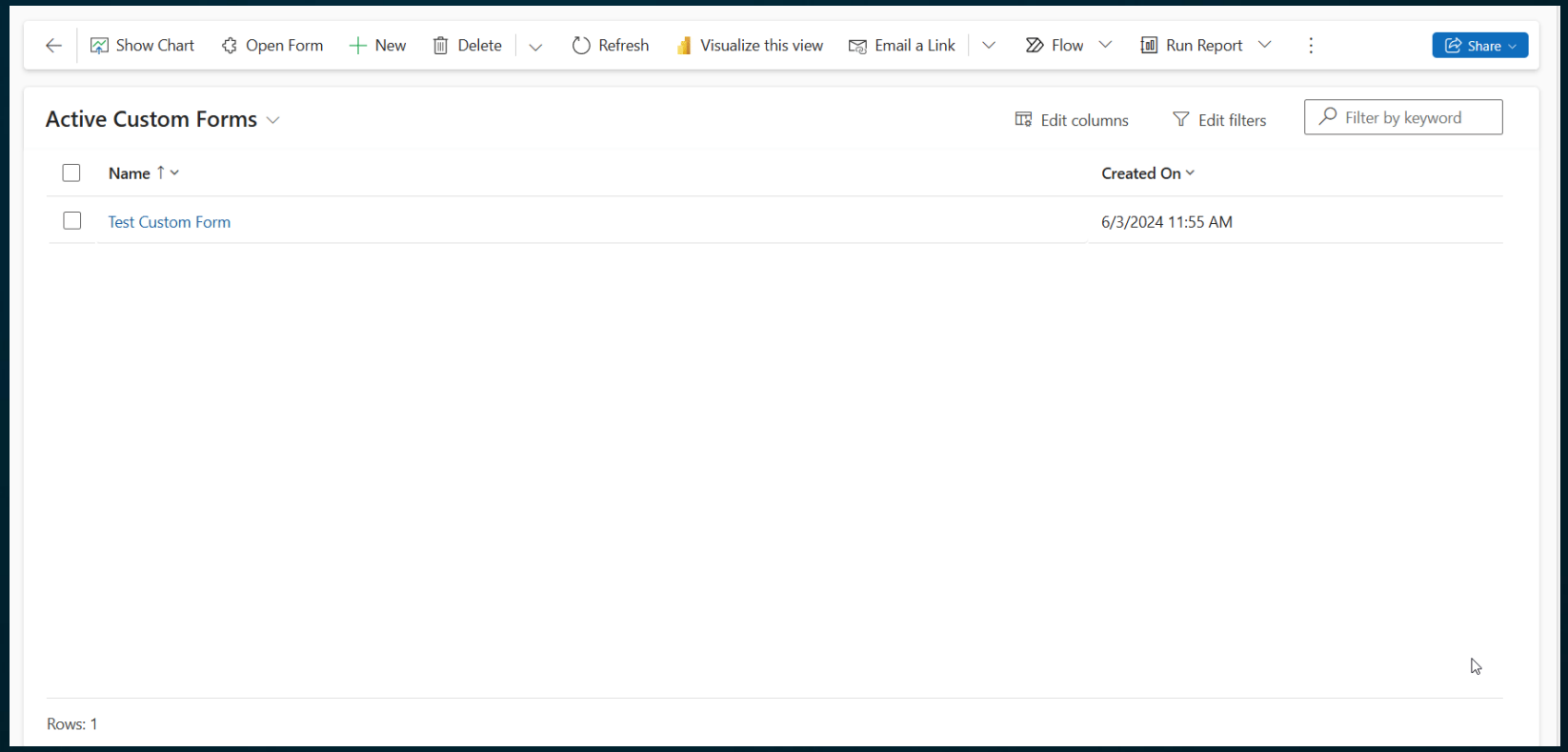
Dialogue from button





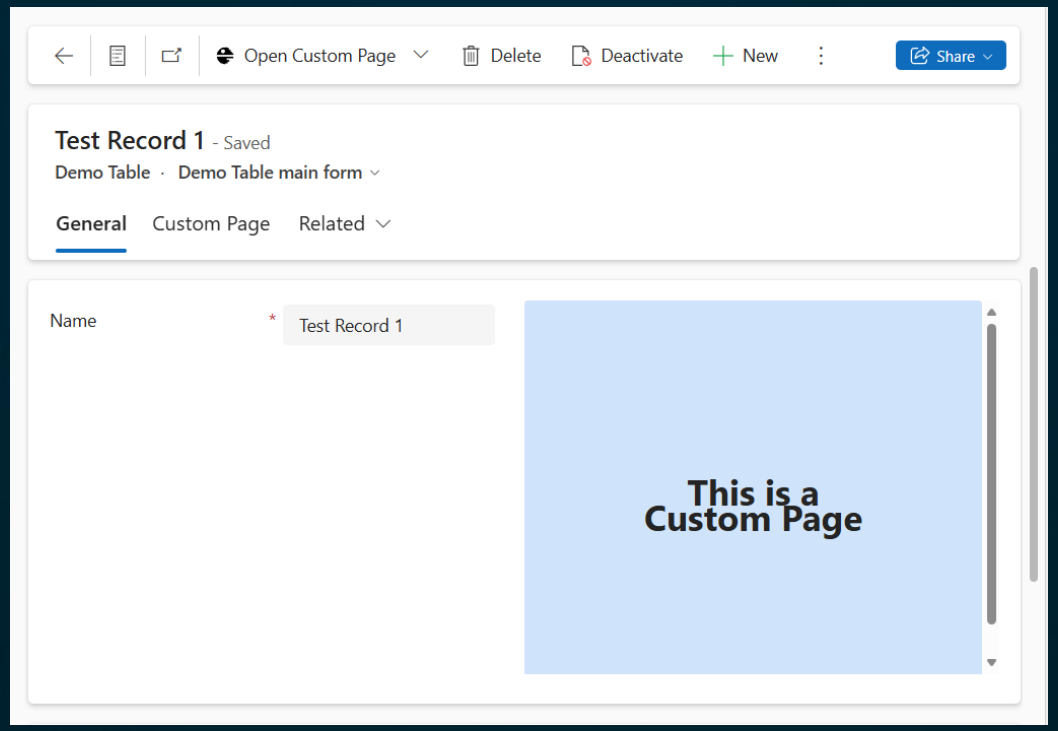
- Via command bar and a JS web resource
- Video by Reza Dorrani: https://www.youtube.com/watch?v=XMopL0r8k3k
- The web resource I use: https://github.com/PowerRobin/ModelDrivenAppCodeSamples/blob/main/CustomPageAsDialogue/openPage.js
- Visit Sara & Mats Session tomorrow, they will talk more about this

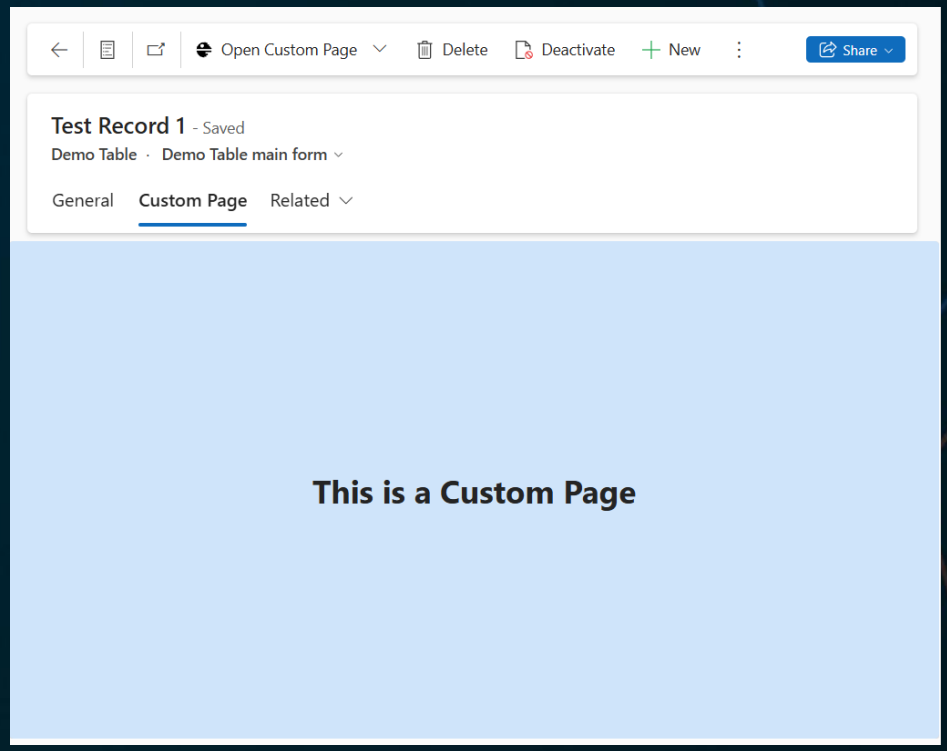
Dialogue from grid



- JS web resource via Ribbon Workbench
- Video by Mr Green Hair: https://www.youtube.com/watch?v=99uU5gGN15w

Inside MDA forms





- HTML web resource
  https://github.com/PowerRobin/ModelDrivenAppCodeSamples/tree/main/EmbedCanvasApp

Examples

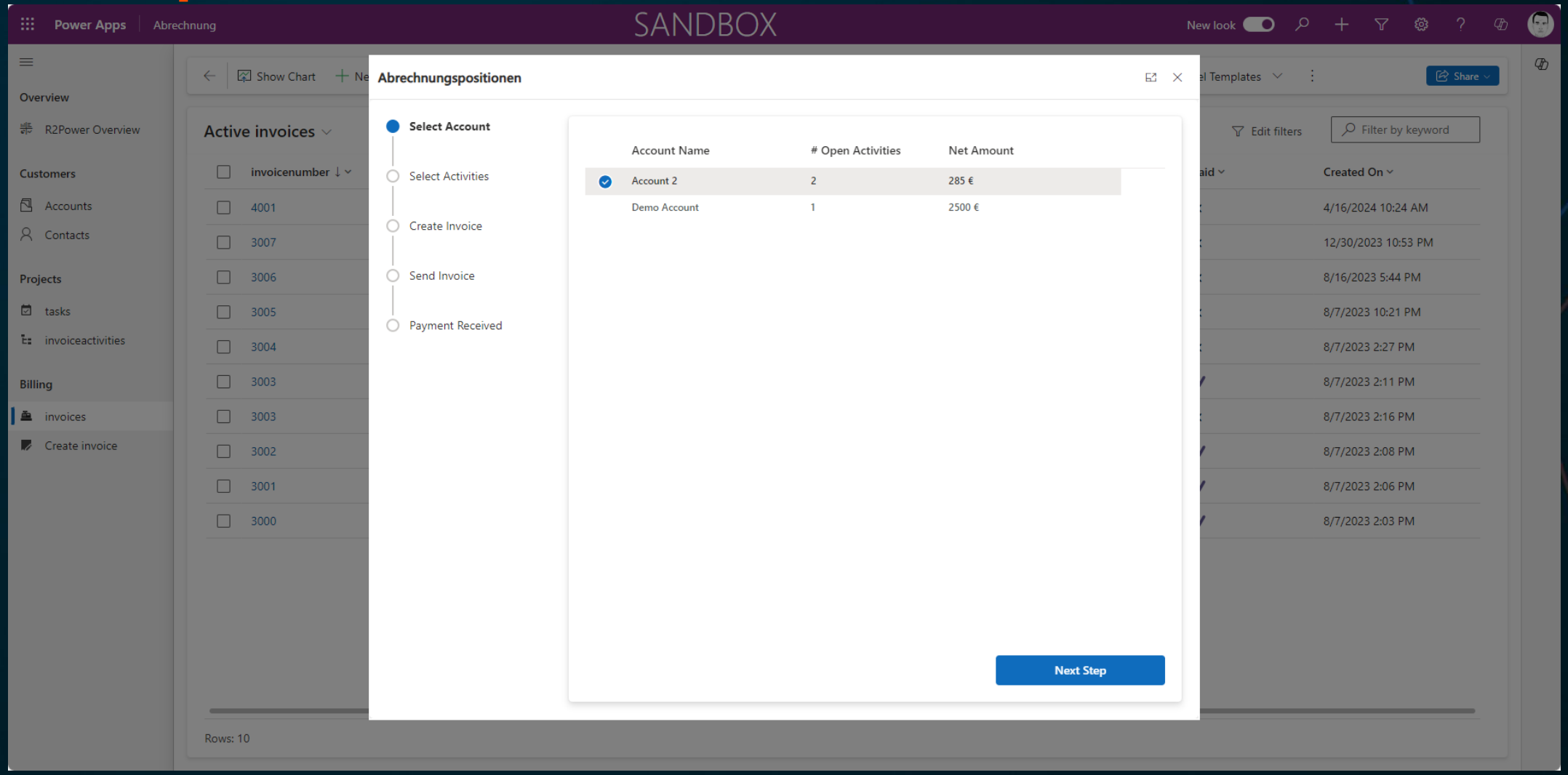
Let’s take the boring MDA..

Examples

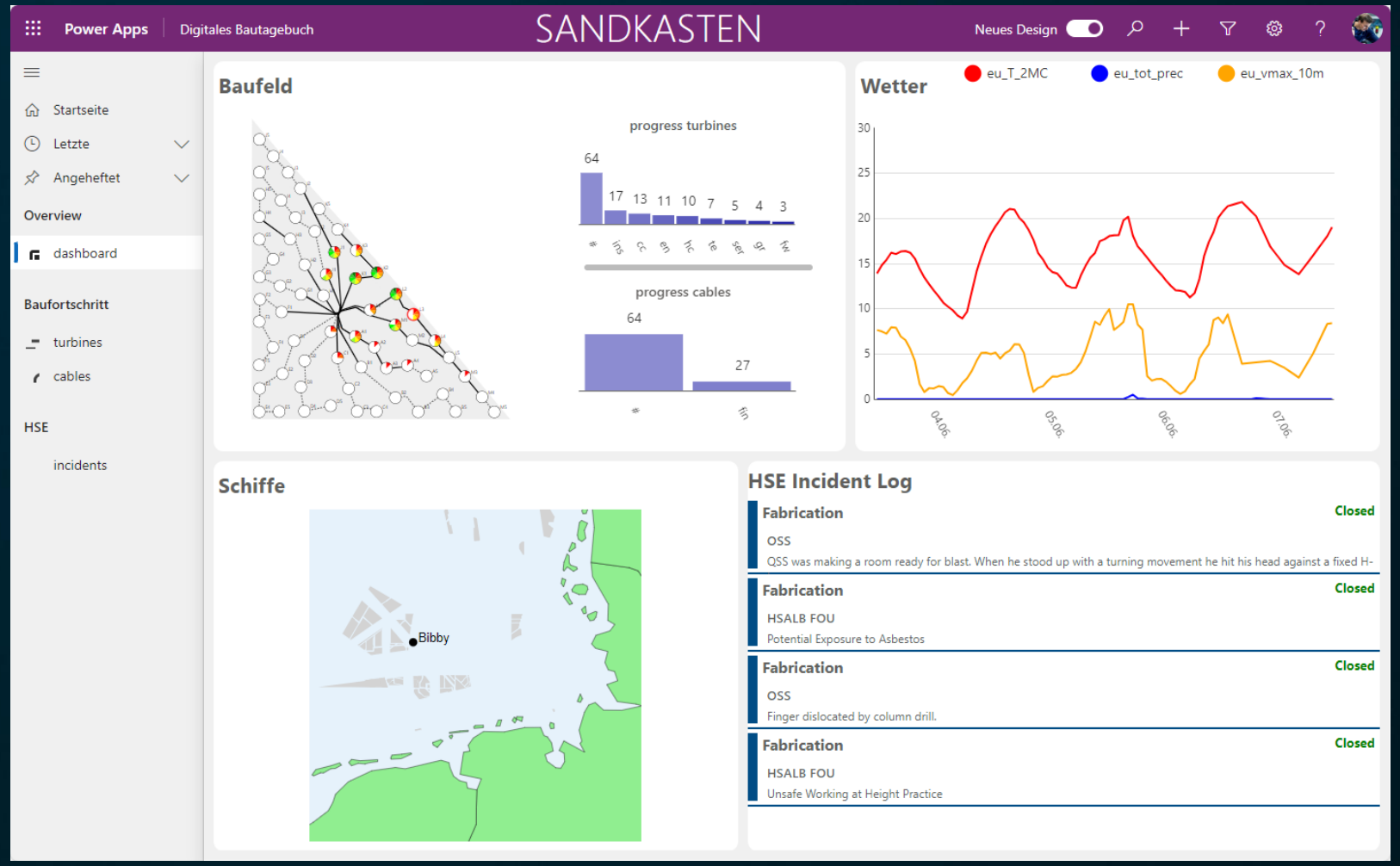
Let’s take the boring MDA …

… and spice it up a bit!

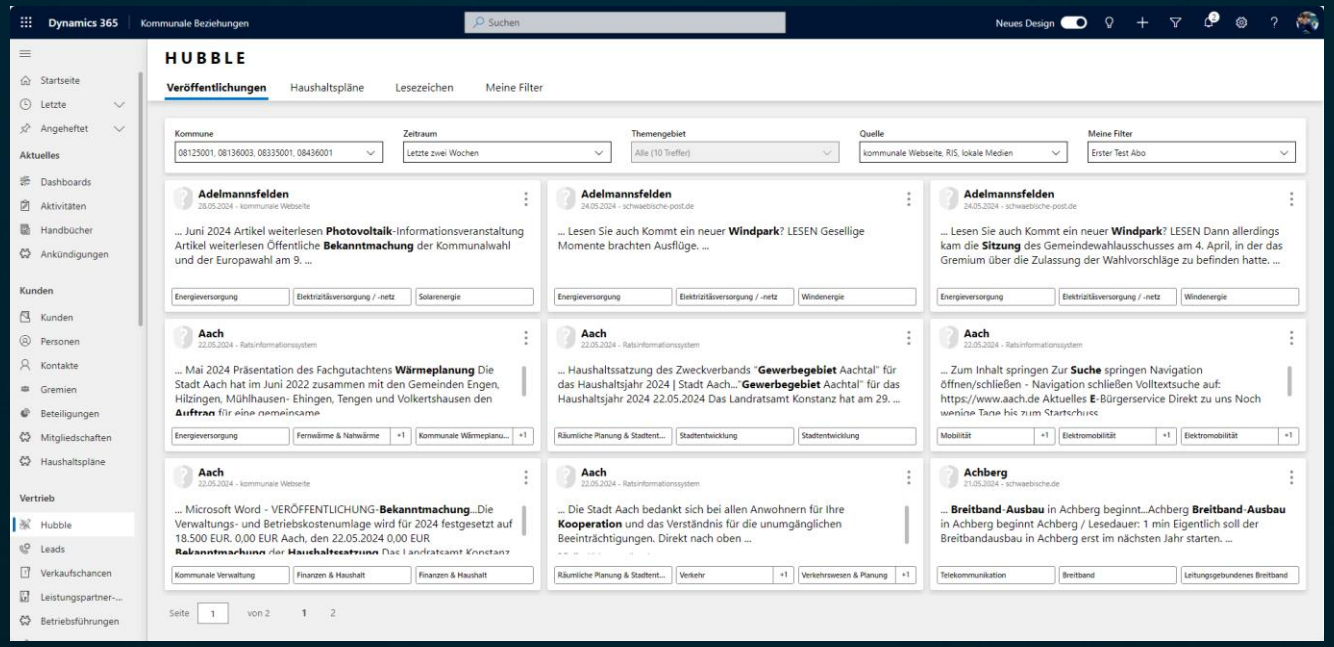
Examples – Invoice Creation

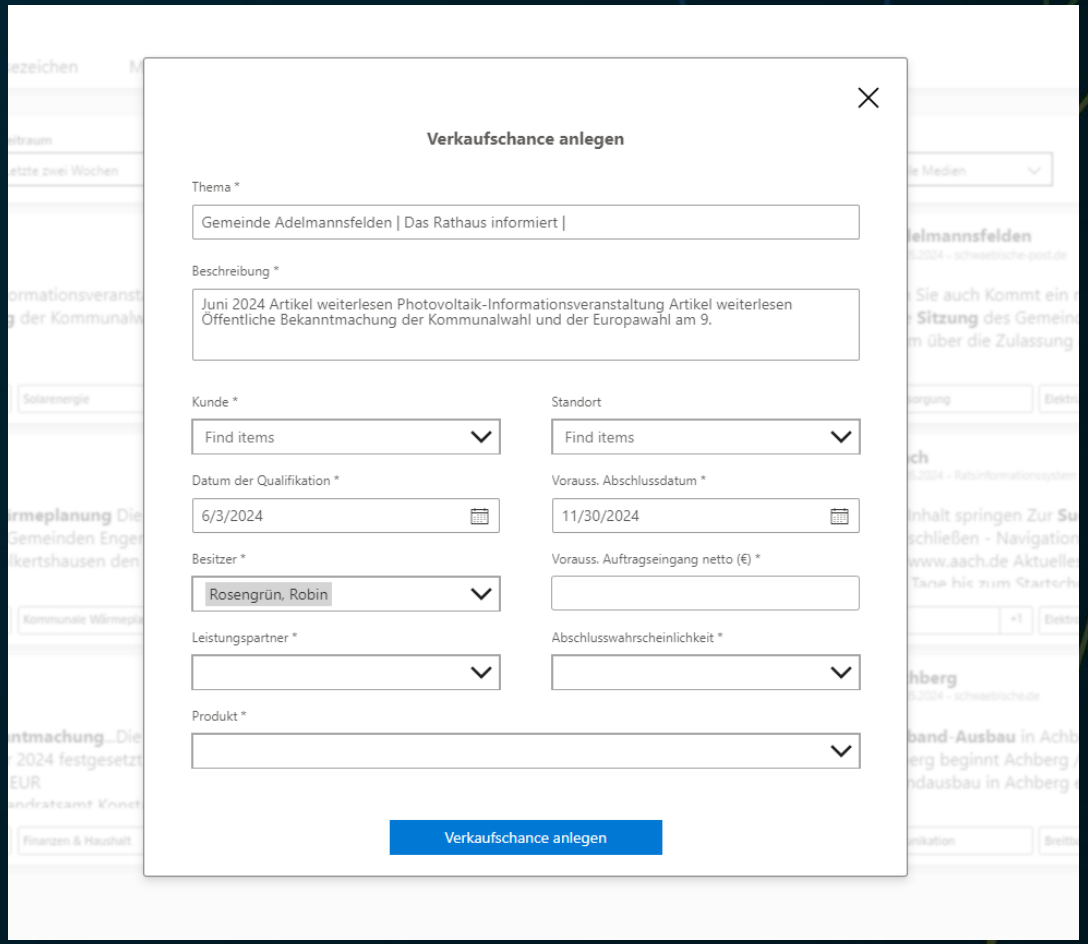


Examples – Dashboard with APIs

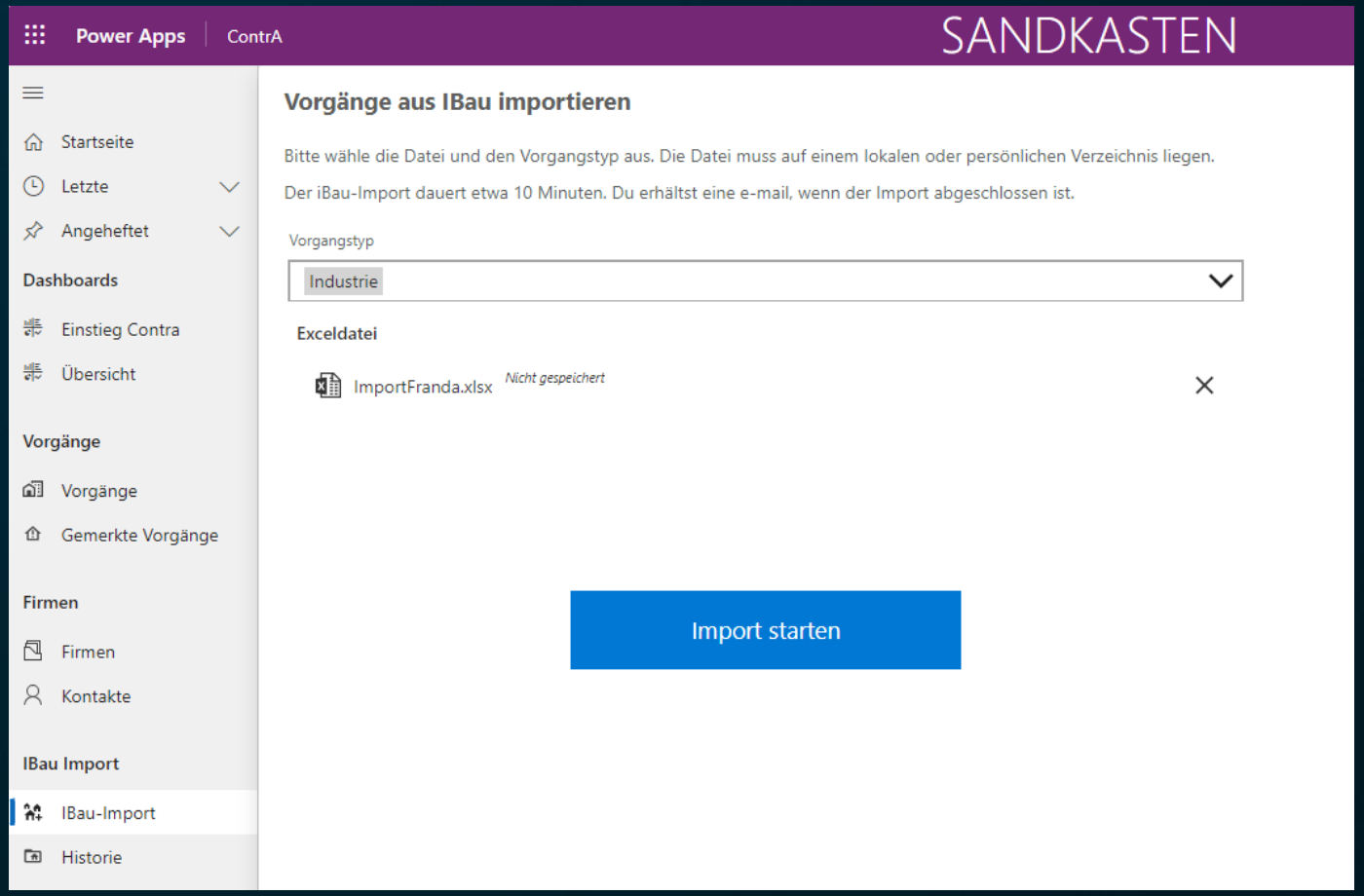


Examples – From web scraped data to Sales opportunities

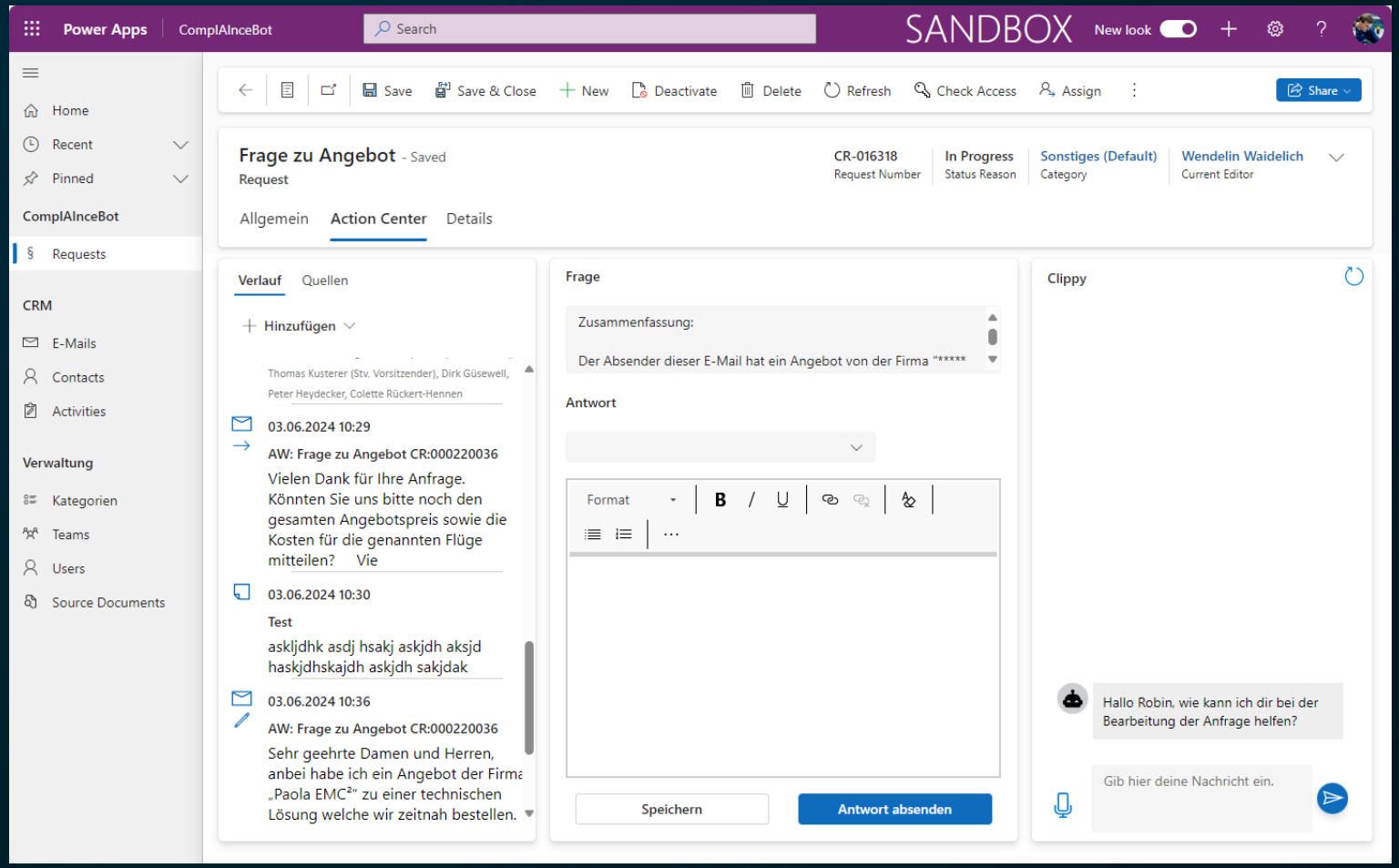




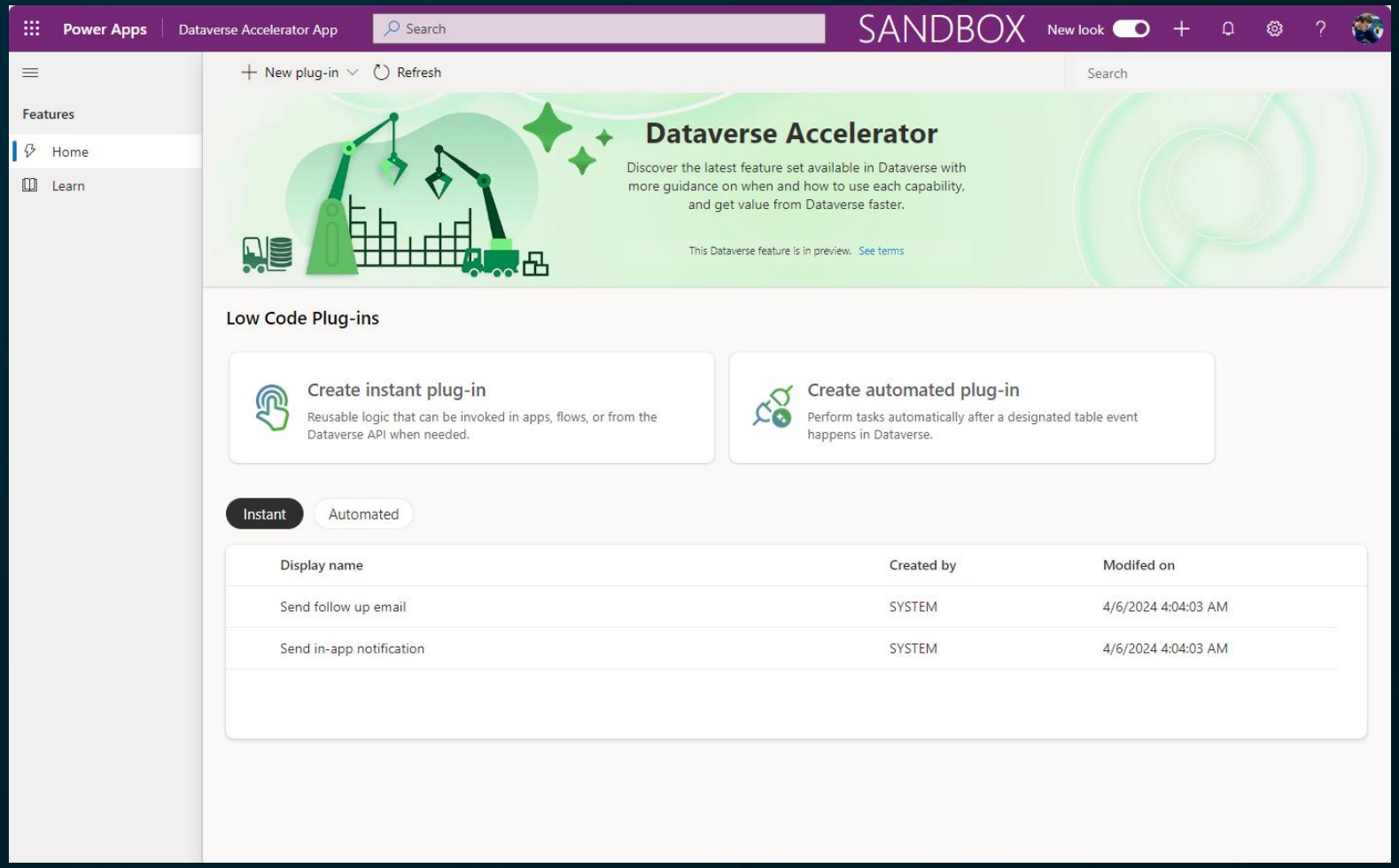
Examples – Import Excel files



Examples – Bringing GenAI into your Forms



Examples – EVERY APP FROM POWER CAT

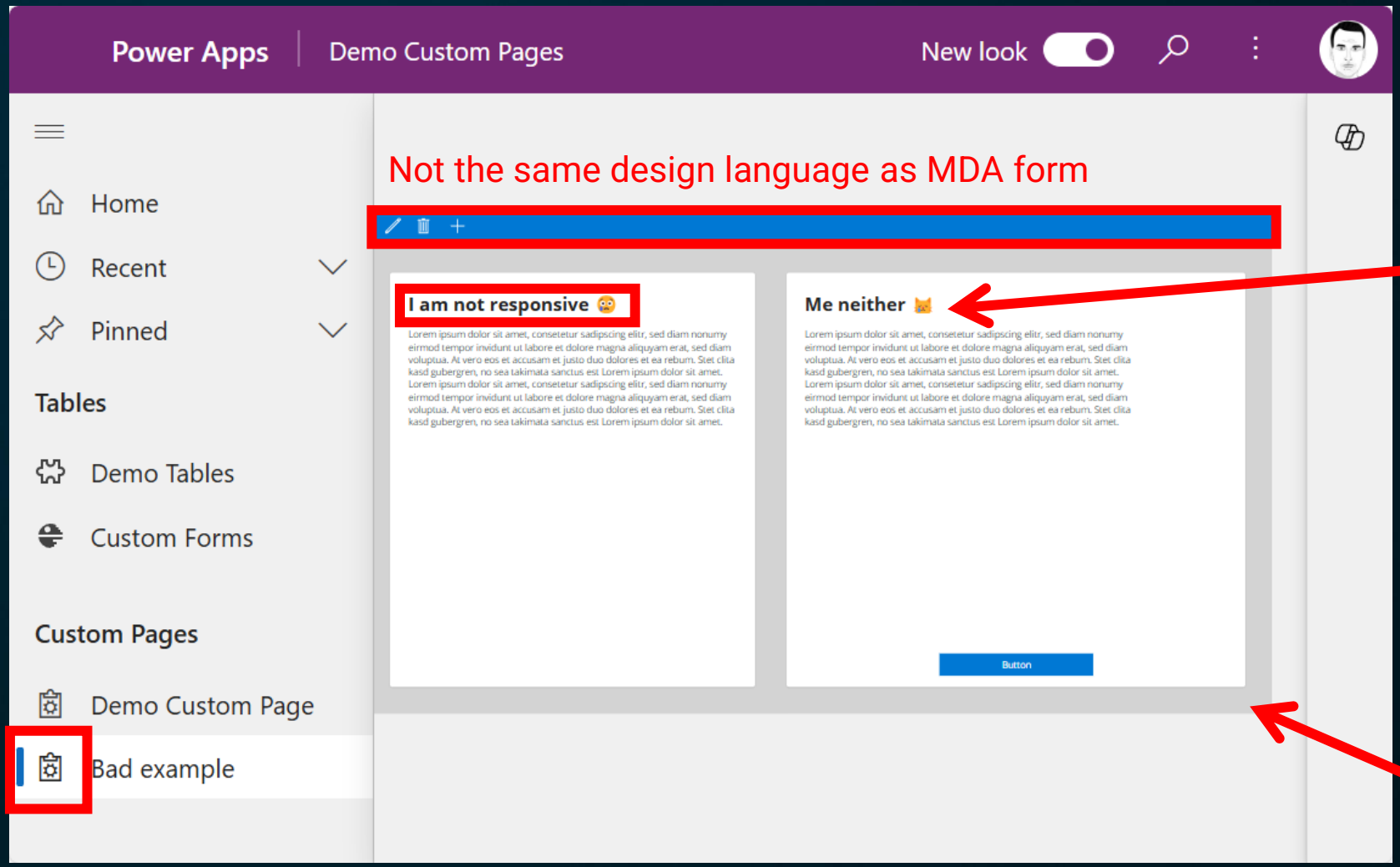


When to use Custom Pages

- Advanced Logic with Power FX instead of JS / Plugins
- PCF for unique User Experience
- Communicate with external APIs
- Connect to M365
- Trigger Power Automate

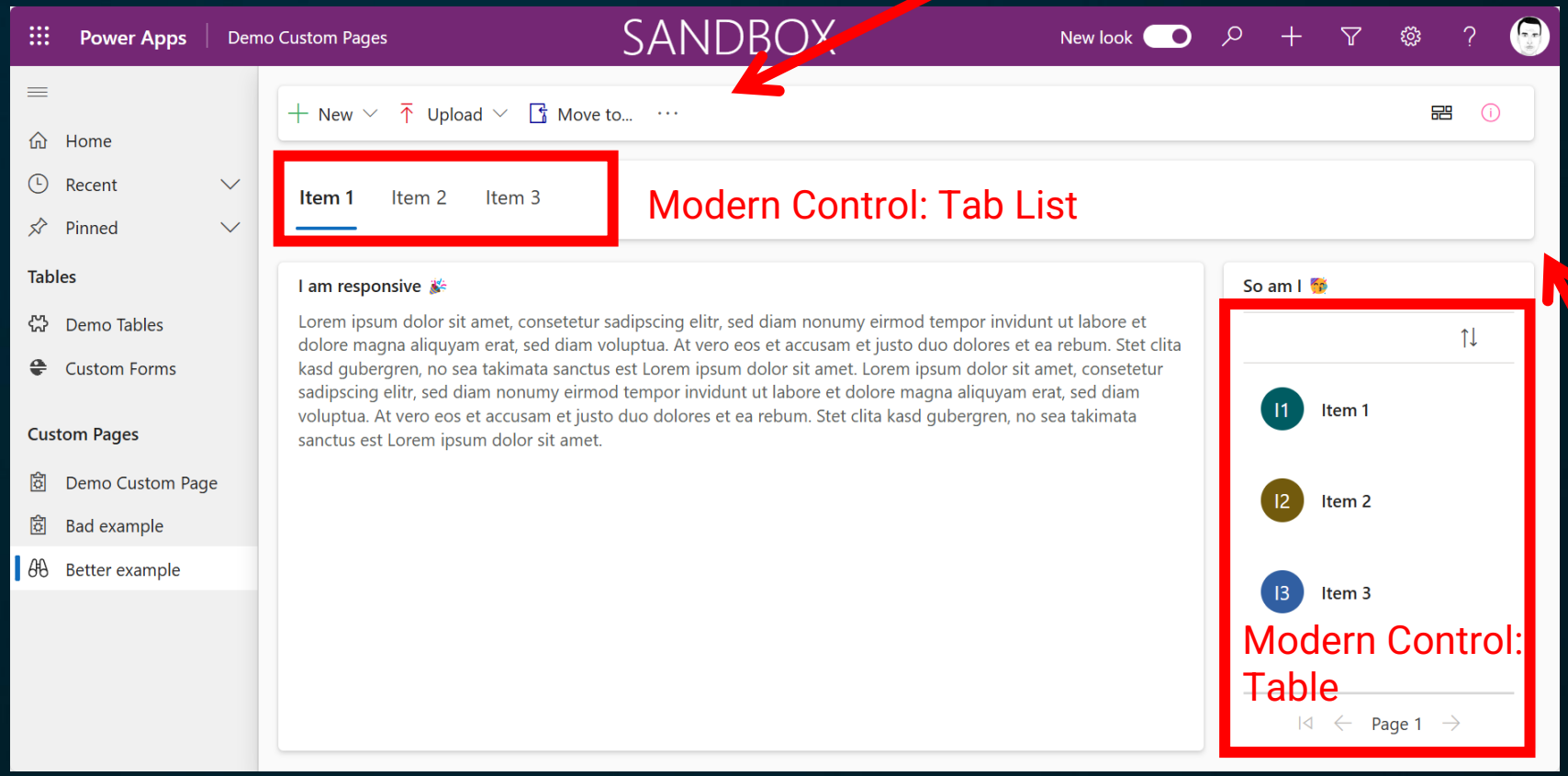
BUT: Code is still the best solution for some problems!

Bad example


Power Apps
Demo Custom Pages
New look
Home
Recent
Pinned
Tables
Demo Tables
Custom Forms
Custom Pages
Demo Custom Page
Bad example
Not the same design language as MDA form
I am not responsive
Me neither
Button
Wrong font and headers too big
No icon
Wrong color

Better example

Creator Kit “Command Bar”
https://learn.microsoft.com/en-us/power-platform/guidance/creator-kit/commandbar

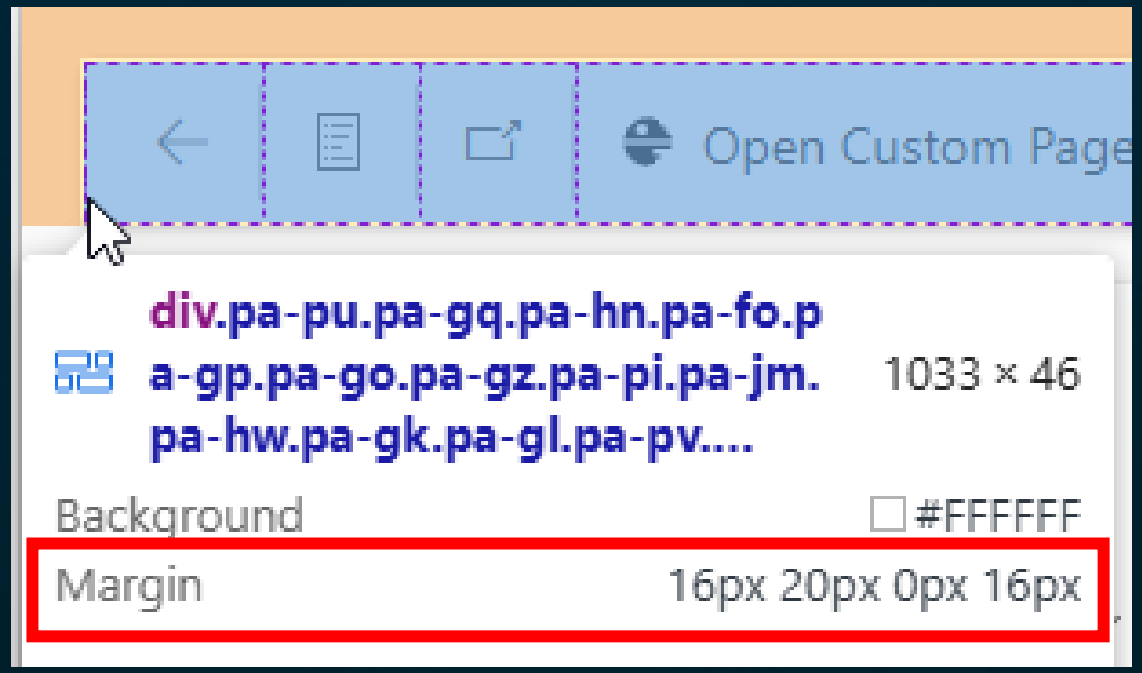


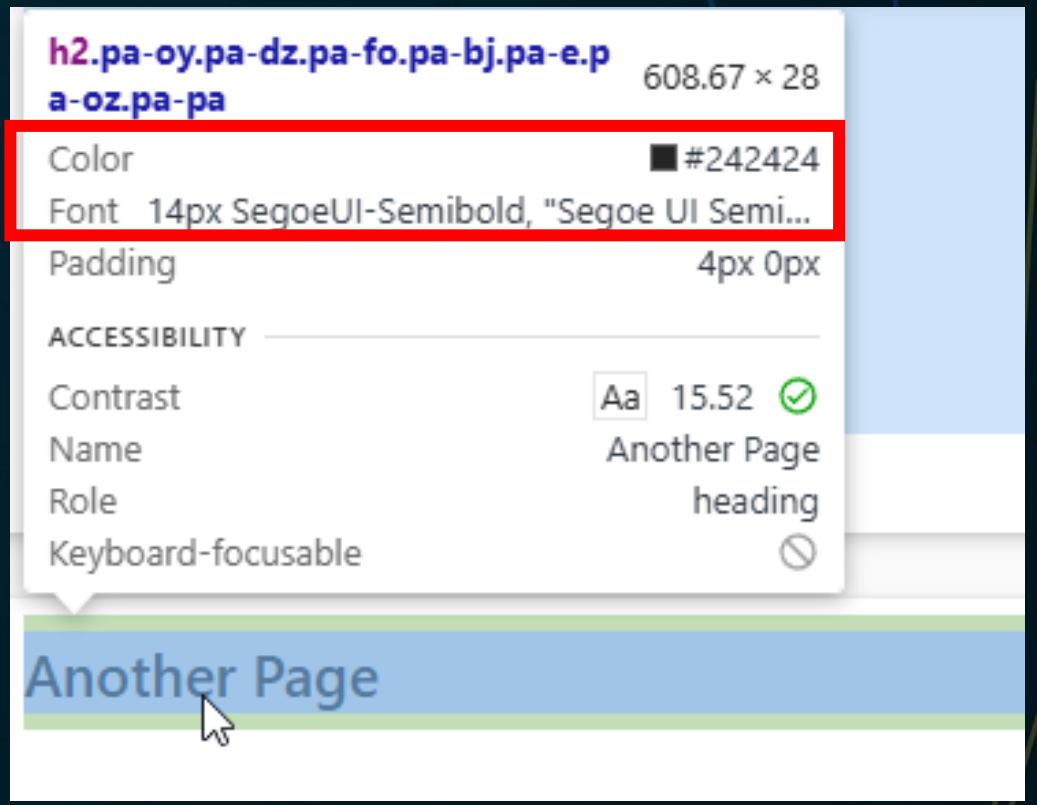
Font Segoe UI 14 px
color #242424
Semi bold for headers

Background color: #fafafa

Responsive with Containers, containers, containers
Space between: 16 px; DropShadow: Semilight
This simple demo page contains 7 different containers!

Use your Browsers dev tools if you want to get it right





My wishlist

- Bring all the ways of using Custom Pages directly into the product without the need for a single line of JS code!
- Get context of Model Driven App in the Designer (Current Record, Theme, Dark/Light Mode)
- Keep investing in Modern Controls (Bugfixing, bring Creator Kit into the product)

European
Power Platform
Conference

cvent

PLEASE RATE THIS SESSION ON THE APP

GET IT ON Google Play

Download on the App Store