

WORKSHOP

All-In! A Deep-Dive On Model-Driven Power Apps

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PPCC 2025

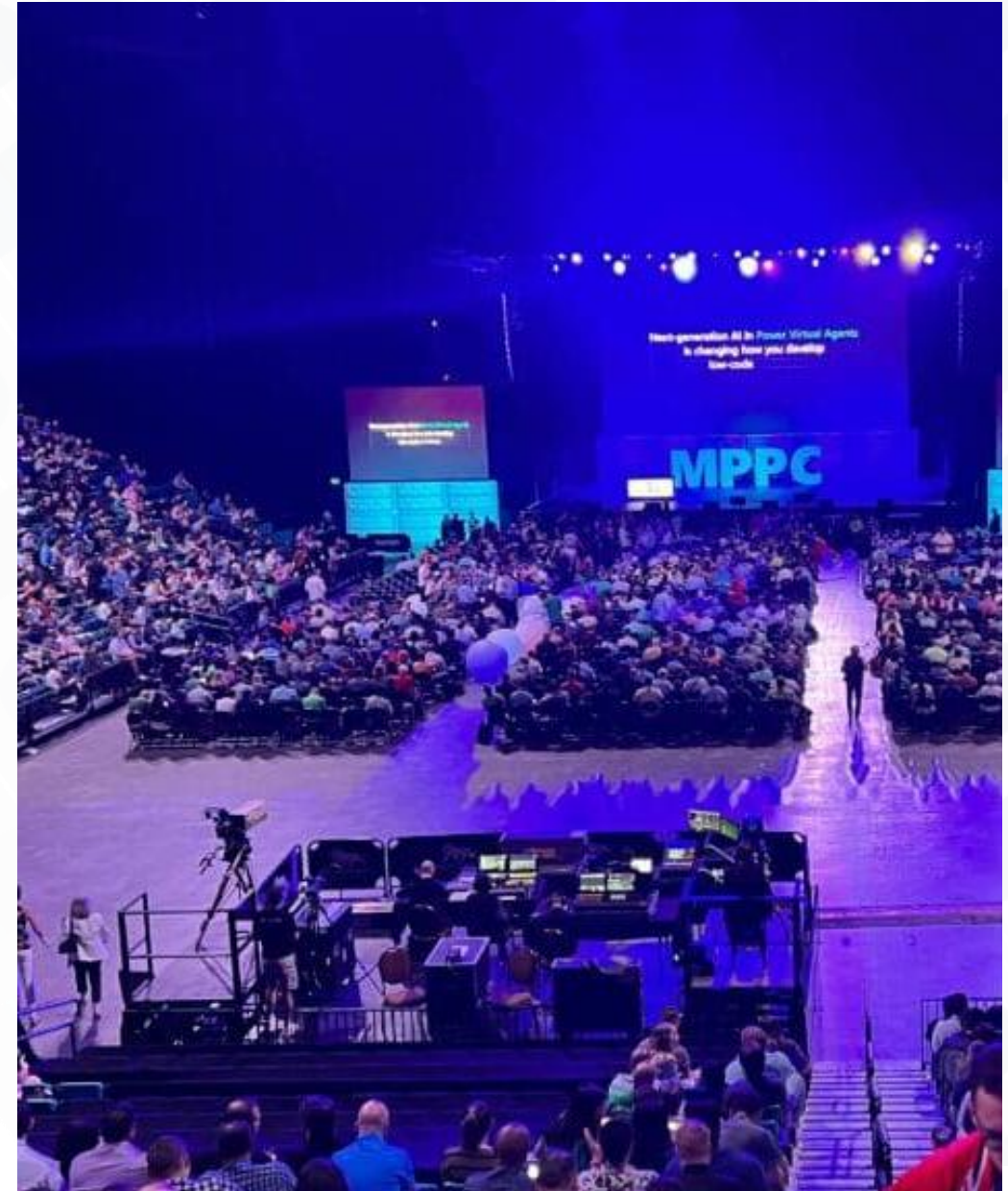
Lab Materials

Download the lab instructions from **GitHub**:

<https://github.com/PPCC25-MDA/Workshop/Labs>

In This Workshop You Will Learn 🐱

- Explore Model-Driven Apps through interacting with a real-world application
- Gain a strong understanding of the fundamentals first, then taking a deep dive
- Leave with confidence to plan and build your model-driven apps projects
- Be able to ask questions and get answers from battle-tested architects



Agenda

01 Data Modelling 

02 UI UX 

03 Business Logic 

04 Security 

05 Integrations 

06 Copilot & AI 

Break Times

10:15-10:30 Morning Break

12:00-13:00 Lunch Break

14:30-14:45 Afternoon Break

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Search for our event, **Power Platform Community Conference**.

Event Invitation Code:
LasVegas25

Introduction To Model-Driven Apps

Create apps around forms and processes

A way of app development using tables, forms and business processes.

Design sophisticated table forms quickly

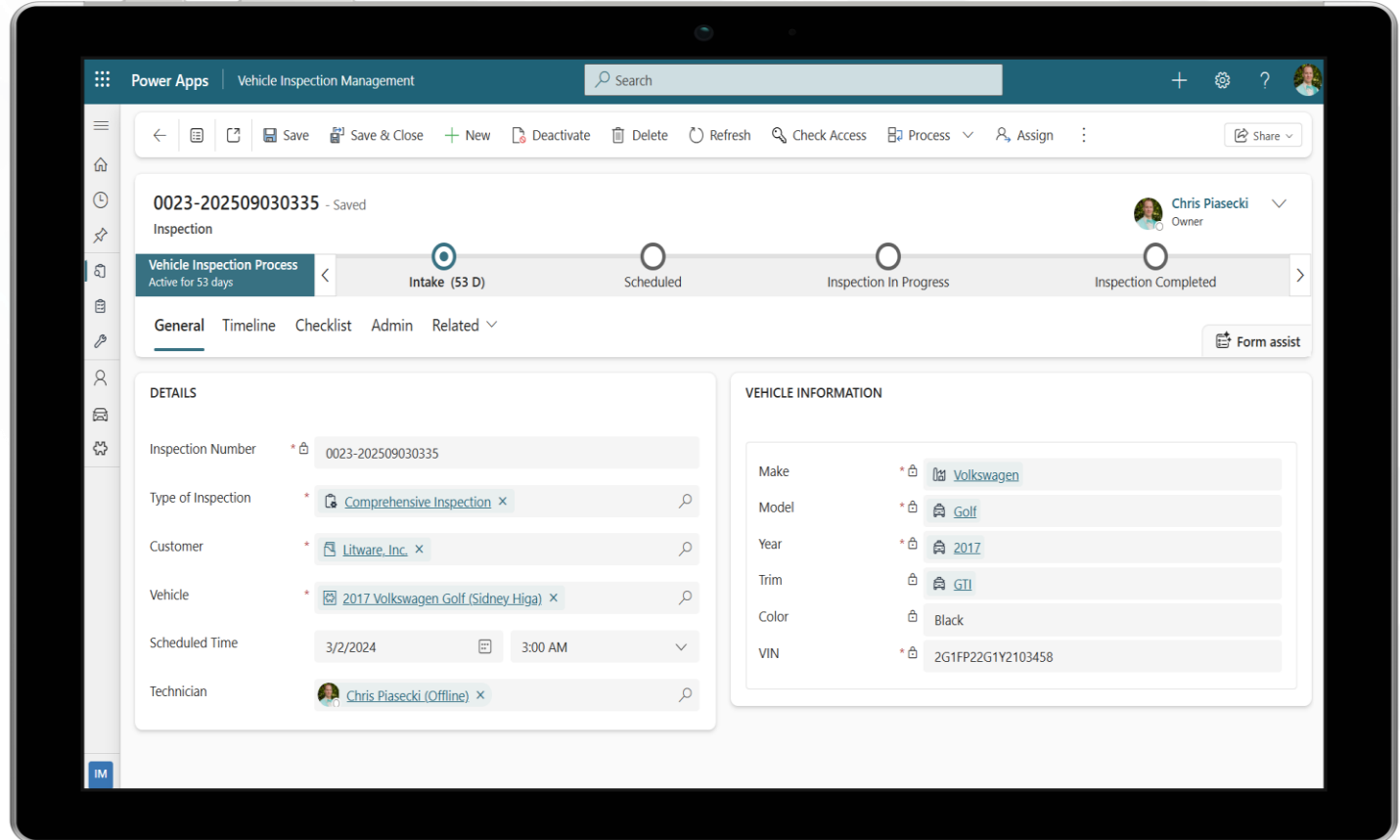
Drag and drop fields and controls in a visual designer. Forms can span multiple columns, multiple steps, and collapsible sections.

Rich, responsive client experiences

Responsive UI automatically reflows across devices based on the space available.

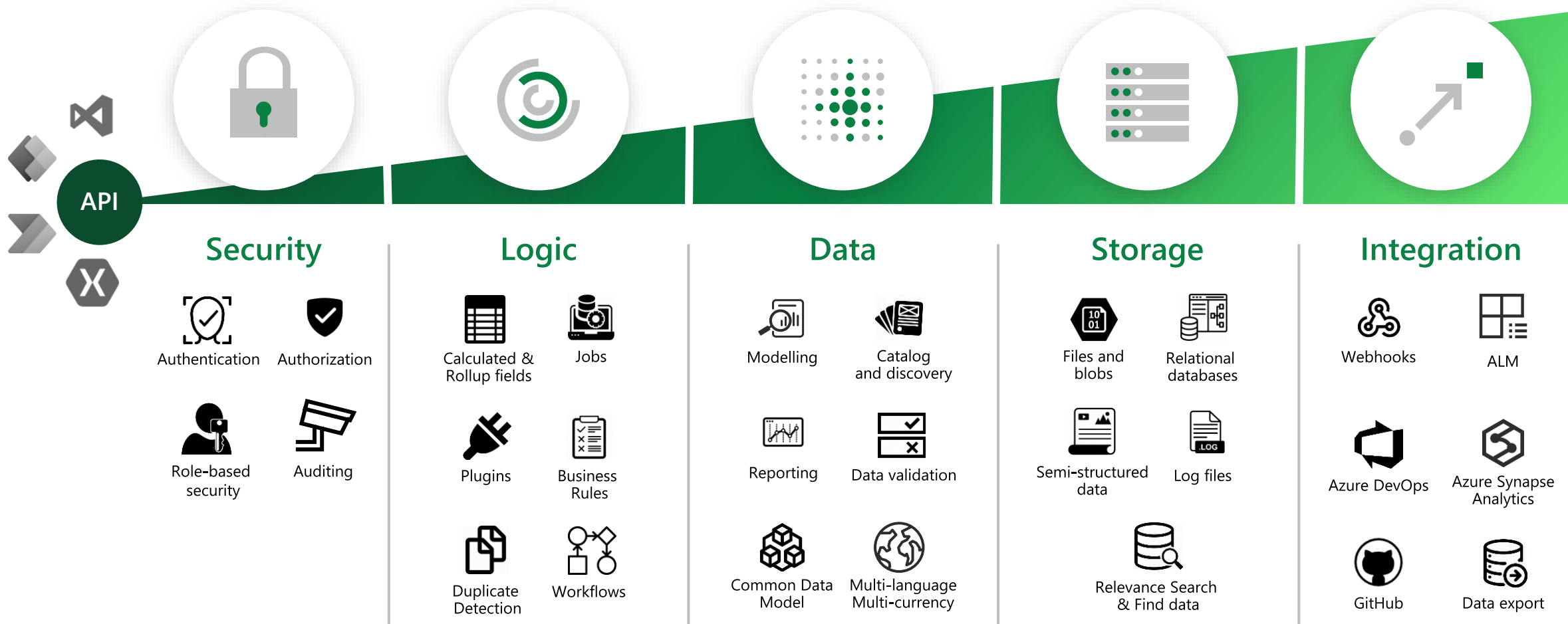
Enables easy reuse across multiple apps

Easily share forms, dashboards, flows, and more across multiple apps.



The screenshot displays a Power Apps interface for 'Vehicle Inspection Management'. The top navigation bar includes the 'Power Apps' logo, the app title, a search bar, and user controls. Below the navigation bar is a command bar with actions like 'Save', 'Save & Close', 'New', 'Deactivate', 'Delete', 'Refresh', 'Check Access', 'Process', 'Assign', and 'Share'. The main content area features a process flow for 'Vehicle Inspection Process' with steps: 'Intake (53 D)' (active), 'Scheduled', 'Inspection In Progress', and 'Inspection Completed'. The 'Intake' step is expanded to show a 'General' tab with a form. The form is divided into two sections: 'DETAILS' and 'VEHICLE INFORMATION'. The 'DETAILS' section contains fields for 'Inspection Number' (0023-202509030335), 'Type of Inspection' (Comprehensive Inspection), 'Customer' (Litware, Inc.), 'Vehicle' (2017 Volkswagen Golf (Sidney Higa)), 'Scheduled Time' (3/2/2024 at 3:00 AM), and 'Technician' (Chris Piasecki (Offline)). The 'VEHICLE INFORMATION' section contains fields for 'Make' (Volkswagen), 'Model' (Golf), 'Year' (2017), 'Trim' (GTI), 'Color' (Black), and 'VIN' (2G1FP22G1Y2103458).

Introduction To Dataverse



The Vehicle Inspections App

- An inspection management system for a business that performs vehicle inspections
- Schedulers use the app to book appointments and manage intake/return of the vehicle
- Technicians use the app to complete a checklist for each vehicle
- Multiple inspection types & checklist configurations
- Ability to quote the customer for any potential repairs

How To Prepare For The Lab

1. Open a guest profile in your web browser or create a new profile
2. Go to make.powerapps.com
3. Enter the username and password on the printed paper strip given to you by the lab proctors
4. Navigate to the environment matching your username (e.g. Env006). Do not work in the default environment
5. Go to the Solutions menu look for the Vehicle Inspections solution

