

YOUR
LOGO
HERE



No code?
No problem.

 PowerPathway

Track Overview

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Introduction

At Solutions Developed we take pride in our ability to monitor desire in the market for popular training courses. We can spot trends of emerging training requirements as opposed to merely providing courses that companies purchase through habit. Microsoft Power Platform is a leader in the next wave of innovative technologies.

Although the Power Platform has been around for several years, the last two years have seen some major changes. Microsoft have solidified its position as a potential low-code/no-code development platform.

Now, at first low-code/no-code can sound off putting to companies who have, in the past, been bitten by **shadow IT development**.

Shadow IT refers to information technology (IT) projects that are managed outside of, and without the knowledge of, the IT department.

HOWEVER! This is a great opportunity for us to work together to provide courses which enable delegates the proper skills and training to properly develop, deploy, and maintain software from within. The truth is that Microsoft have backed **citizen development** big time and have a serious commitment to allowing end user (non-IT) to develop meaningful solutions. Because the solutions can be - and in the new future will be - developed by users it is more likely that the software will be fit for purpose. The separation of concerns between IT developers doing the "coding" and end users doing the "using" results in a huge chasm of understanding which is only bridged by more money and time spent solving problems that didn't need to exist in the first place.

For this vision of citizen developers to be realised effectively we need to establish two things in the marketplace. One is a desire for companies to take advantage of the concept of citizen development, and two, we need to upskill the workforce to be able to implement these developed solutions.

The good news is that Microsoft are currently promoting the concept of citizen development and will continue to do so for the foreseeable future. The great news is that we have the opportunity to provide the training and understanding to potential delegates.

Track Overview

To achieve this, Solutions Developed has created a track of training which focuses on everything that an organisation or an individual will need to know to successfully become competent in developing using the Power Platform. The track comprises 5 individual courses ranging from specific skills i.e., Power Apps, Power Automate and a course on the overall process of how to manage the software lifecycle. The benefits to a company of having a work-ready citizen developer that can genuinely deliver mission critical applications come into their team are huge. Benefits that can be measured by increased capacity, productivity, and efficiency. Because the citizen developers are trapping processes into software, it means that when new employees join the company or existing employees leave, there will be no deterioration in any of the above-mentioned areas.

We are hoping that you'll share our enthusiasm for this programme, and we are pleased to offer it to you as a product that you can brand and market as your own.

Our vision is that as a partner, you will take advantage of our graphics department and have us produce both the track overview and individual course overviews all jointly branded with Power Pathway, which we are promoting as a brand, and your company which is a deliverer of that brand. The courses will run on a fixed schedule so all you must do is book the individual students onto the programme (or even just the individual courses) on which they will receive instructor-led training and mentorship. The courses can be delivered individually but we recommend completing the whole track in its entirety to see the full benefit.

Power Platform Zero to Hero

Learning Track Overview

This training track comprises five two-day live training events which run on a schedule to afford students maximum flexibility to attend. By the end of the track, delegates will be able to create a full range of solutions leveraging Microsoft Power Platform using their new low code/no code approach. At the end of the track, they will also be in a position to sit the [Microsoft Power Platform Fundamentals PL-900 Exam](#).

What we Think you'll do

We think that after consideration you will agree with us that this is a fantastic opportunity to market a set of essential courses. With no additional costs for you, we will be happy to brand/modify any documents for your websites and provide you with any additional materials that you need to support your marketing effort. Solutions Developed will deliver the courses on a rolling schedule, meaning your only responsibility is to handle potential interest and even then, you pass details on to us, and we will sign delegates on the course. **Our guarantee is that the courses will run even for one delegate.**

When you want to book someone on the course, it's a simple matter of sending us their details and we will manage the booking form start to finish using your branded stationery and email domain. The only thing we won't do is raise an invoice to them - that's your job 😊

Our commercial model is almost too good to be true, and the benefit for businesses (including yours) is huge. We will discuss our model in a separate meeting with you to fully articulate its potential.

As well as the main track curriculum, we can offer two different marketing courses with information on how to sell this track to your customers and how to best utilise its material. These courses will also run on a schedule (like the rest of the track) and can be provided, again, at no extra cost for your business.

Citizen Development and What's in It for Me?

Duration: 1 Hour

Delivery Style: Live seminar

Audience: Senior management and budget holders

Technical level: non-technical session, predominantly strategic

Objectives

By the end of course, delegates will fully understand why citizen development offers a real benefit to an organisation and how to manage it to avoid the failures of shadow IT development in the past. After management has been on this course and is up to speed on this developing opportunity, we hope that they will have enough interest to enrol in the second marketing course, which we can provide a voucher for 100% of the cost.

Short Overview

Microsoft are fully committed to supporting companies utilising citizen developers. We will discuss how to manage the software lifecycle, ensure increased productivity, the tangible benefits to a company of using citizen developers, and how the new toolset of Power Apps, Power Automate, Power BI and Power Virtual Agents can support that.

Course Details

- What are the benefits of bespoke software and how does that effect the bottom line?
- The substantial increase to a company's market value if processes are trapped in systems
- The problem with staff turnover and the negative impact on the business
- Simplifying tasks reducing admin and increasing job satisfaction
- Impact on quality and reliability
- Bespoke software and impact on compliance
- If citizens create software, how do we manage the lifecycle i.e., software changes?
- Do staff have time to create software around their day job?
- Fun exercise - "Create an app in 5 minutes"

Develop an App Using the Power Platform

Duration: 9AM – 4PM

Delivery Style: Live seminar, hands-on guided lab

Audience: End users and potential citizen developers

Technical level: Light technical session

Objectives

By the end of this course delegates will have created an app that utilises all four pillars of the Power Platform. Candidates on the course will now fully appreciate how easy it is to both develop and maintain Power Platform apps.

Short Overview

During this session delegates will create a bespoke app managing joiners, movers, and leavers. The course begins with gathering user requirements and planning, and the result is a fully working app that demonstrates the simplicity yet power of the Power Platform. The solution will be a combination of all the Power Platform tools Power Apps, Power Automate, Power BI and Power Virtual Agents.

Course Details

- Identifying a Problem that Can be Fixed with the Power Platform
- Gathering User Requirements and Creating a Plan to Solve the Problem
- Create a Technical Architecture Document (TAD)
- Identify the Solution and Which Power Platform Tool Resolves Which Issue
- Create the Underlying Data Store (Data Verse, SharePoint, Excel)
- Create the User Interfaces (Power Apps)
- Create the Workflows (Power Automate)
- Create the Reports (Power BI)
- Create User Support (Power Virtual Agents)

Power Platform: Zero to Hero Learning Track

Course 1: Power Platform and All Things Azure

Duration: 2 Days

This course will outline the relationship between Azure and the Power Platform. Citizen developers also need an introduction to such concepts as security and software lifecycle i.e., deployment patching etc.

Course 2: Power Apps Development

Duration: 2 Days

During this session delegates will be introduced to the Power App platform. The primary features of power apps will be explained and hands on labs will be provided to all participants to gain experience of the tool.

Course 3: Power Automate Development

Duration: 2 Days

During this session delegates will be introduced to the Power Automate. The key features of Power Automate (Flows) will be explained and hands on labs will be provided to all participants to gain experience of the tool.

Course 4: Power BI Development

Duration: 2 Days

During this session delegates will be introduced to the Power BI. The main features of Power BI will be explained and hands on labs will be provided to all participants to gain experience of the tool.

Course 5: Power Virtual Agents Development

Duration: 2 Days

During this session delegates will be introduced to the Power Virtual Agents. The main features of Power Virtual Agents will be explained and hands on labs will be provided to all participants to gain experience of the tool.

Course Schedule

Modules will run weekly every Monday and Tuesday starting on February 21st running as a rolling rotation. The suppliers commit to the course schedule until the review date August 10th, depending on student numbers i.e., 1 delegate minimum.

Feb 21 - Feb 22	Marketing Module 1	Marketing Module 2	Technical Delivery Module 1
Feb 28 - Mar 1			Technical Delivery Module 2
Mar 7 - Mar 8			Technical Delivery Module 3
Mar 14 - Mar 15			Technical Delivery Module 4
Mar 21 - Mar 22	Marketing Module 1	Marketing Module 2	Technical Delivery Module 5

Mar 28 - Mar 29			Technical Delivery Module 1
Apr 4 - Apr 5			Technical Delivery Module 2
Apr 11 - Apr 12			Technical Delivery Module 3
Apr 18 - Apr 19	Marketing Module 1	Marketing Module 2	Technical Delivery Module 4
Apr 25 - Apr 26			Technical Delivery Module 5

May 2 - May 3			Technical Delivery Module 1
May 9 - May 10			Technical Delivery Module 2
May 16 - May 17	Marketing Module 1	Marketing Module 2	Technical Delivery Module 3
May 23 - May 24			Technical Delivery Module 4
May 30 - 31			Technical Delivery Module 5

Track Overview

Jun 6 – Jun 7			Technical Delivery Module 1
Jun 13 – Jun 14	Marketing Module 1	Marketing Module 2	Technical Delivery Module 2
Jun 20 – Jun 21			Technical Delivery Module 3
Jun 27 – Jun 28			Technical Delivery Module 4
Jul 4 – Jul 5			Technical Delivery Module 5

Jul 11 – Jul 12	Marketing Module 1	Marketing Module 2	Technical Delivery Module 1
Jul 18 – Jul 19			Technical Delivery Module 2
Jul 25 – Jul 26			Technical Delivery Module 3
Aug 1 – Aug 2			Technical Delivery Module 4
Aug 8 – Aug 9			Technical Delivery Module 5

Power Platform and all things Azure

Duration: 2 days

Delivery Style: Live instructor led session. Hands on guided labs

Audience: Non-technical staff who want to start Power Platform Development

Technical level: Semi-technical session

Objectives

By the end of this course delegates will fully understand the building blocks behind Microsoft's Azure platform. They will be able to implement security and know where to go to set policies to control compliance.

Short Overview

It is important that anybody interested in developing bespoke software has a broad understanding of the current Microsoft platforms that are available. Specifically, the relationship between Azure and the Power Platform. Citizen developers also need an introduction to such concepts as security and software lifecycle i.e., deployment patching etc.

Course Details

Day 1

- What is Azure?
- What is Dynamics?
- What is O365?
- What is the Power Platform?
- Azure Admin (Citizen View)
- User and Group Management
- Identity Sync
- Security in 365
- Data Loss Prevention
- Compliance
- The Risk from Within
- Discover Threats

Day 2

- Looking for Solvable Problems
- Identifying Problems that are Beyond Citizen Development
- Build a Business Case
- Identify Detailed User Requirements
- Development Management
- Workshop Lab
- Problem Resolution Statement (is this Suitable for Citizen Development?)
- Create a Technical Architecture Document (TAD)

Power Apps Development

Duration: 2 days

Delivery Style: Live instructor led session. Hands on guided labs

Audience: Non-technical staff who want to start Power Apps Development

Technical level: Semi-technical session

Objectives

By the end of this course candidates will be able to develop PowerApps and understand how to build more complex solutions. They will know how to assign permissions, costs of licences and how to ensure that the Power Apps can be maintained in their absence.

Short Overview

During this session delegates will be introduced to the Power Apps platform. The main features of Power Apps will be explained and hands on labs will be provided to all participants to gain experience of the tool.

Course Details

Day 1

- Introduction to Power Platform
- The Three Components of the Power Platform
- An Overview of Power Apps
- An Overview of Power Automate
- An Overview of Power BI
- PowerApps Introduction
- What are Power Apps?
- Necessary and Available Licensing
- How do Permissions Work in Power Apps?
- How to make Power Apps available to your team
- The Distinct Types of Power Apps
- Canvas Applications
- Model Driven Applications
- Power Apps Portals
- When to Use Each Type of application
- Power Apps Setup

Track Overview

- Introduction to the Power Apps Editor
- The Differences in Layouts
- Data Sources

Day 2

- Connecting to SharePoint List
- Other Popular Connections
- What Limitations to be Aware of
- Creating a Basic Application
- Creating an Application that Submits to a SharePoint List
- Expanding the Application
- Listing All the Submitted Items
- Viewing an Item
- Updating Items
- Delete an Item
- Visual Styling
- Standard Themes
- Implementing a Custom Theme
- External Media
- Relative Layouts and Making an App Responsive
- Publishing the Application
- Sharing the Application
- PowerApps and SharePoint Integration
- Creating a SharePoint Form in PowerApps
- Elements of a SharePoint Form
- Interacting with Multiple Data Sources at Once
- Patching Multiple Data Sources at Once
- Planning an Application
- The Planning Process

Power Automate Development

Duration: 2 days

Delivery Style: Live instructor led session. Hands on guided labs.

Audience: Non-technical staff who want to start Power Automate Development.

Technical level: Semi-technical session.

Objectives

After the course delegates will be able to create Flows of any complexity and ensure that the flows are secured properly. Delegates will know how to share flows with the team and support the full lifecycle.

Short Overview

During this session delegates will be introduced to Power Automate. The main features of Power Automate (Flows) will be explained and hands on labs will be provided to all participants to gain experience of the tool.

Course Details

Day 1

- Power Automate Introduction – What is Power Automate?
- Understanding Workflows
- What can These Flows be Used for?
- Where do You Build Flows?
- Where do Users Access Flows?
- Flows and Permissions
- Limitations
- Starting with Power Automate
- Creating a Flow
- Understanding Triggers and Actions
- Flow Triggers
- Flow Instant Triggers
- Additional Manual Triggers
- Dynamic/ Automatic Triggers
- Scheduled Trigger
- Triggering from Local Databases
- Flow Actions

Day 2

- Conditions
- Switches
- Apply to Each
- Variables
- Dynamic Content
- Flow Actions (2)
- SharePoint Actions
- Outlook Actions
- Approval Actions
- Integrating Other Apps
- Connecting a SharePoint List to Excel Online
- Connecting PowerApps to Excel
- Advanced Flow Features
- Flow Examples
- Templates - Complete a Custom Action for a Selected File
- Custom Examples

Power BI Development

Duration: 2 days

Delivery Style: Live instructor led session. Hands on guided labs.

Audience: Non-technical staff that are wanting to start Power BI Development.

Technical level: Semi-technical session.

Objective

After the course delegates will be able to create Power BI reports and dashboards. Drawing the data from many of the common sources: SharePoint, Excel, SQL. Candidates will have been exposed to the powerful scripting resources to transform data (DAX).

Short Overview

During this session delegates will be introduced to the Power BI. The main features of Power BI will be explained and hands on labs will be provided to all participants to gain experience of the tool.

Course Details

Day 1

- Course Details
- Power BI Introduction
- Power BI Programs
- Licensing
- Limitations
- Outlining a Report
- What Does a Report Need to Have?
- Creating a Data Set for a Report
- The Difference Between a Data Set and a Data Source
- Connecting to Data Sources
- Using Multiple Data Sources
- Editing the Data Queries
- Linking Multiple Data Sources
- Visualizations
- Stacked Bar Charts and Stacked Column Charts
- Clustered Bar Charts and Clustered Column Charts

Track Overview

- 100% Stacked Bar and Column Charts
- Line Chart, Area Chart and Stacked Area Chart and Ribbon charts
- Line and stacked columns, Line and Clustered Columns Charts
- Waterfall Chart
- Scatter Chart
- Pie Charts and Donut Charts
- Treemapping

Day 2

- Map, Filled Map and ArcGIS Maps for Power BI
- Funnel
- Gauge
- Slicers, Cards and Multi Row Cards
- KPI
- Tables and Matrixes
- Customising the Visualization
- Multiple Pages
- Filtering
- Publishing a Report and Sharing it
- Publishing
- Sharing the Report
- Scheduling Refreshes
- Embedding a Report
- Creating a Dashboard
- Adding Tiles to a dashboard
- Sharing a Dashboard

Power Virtual Agents Development

Duration: 2 days

Delivery Style: Live instructor led session. Hands on guided labs.

Audience: Non-technical staff who want to start Power Virtual Agents Development.

Technical level: Semi-technical session.

Objective

After the course delegates will fully understand best practice for implementing Power Virtual Agents (Chatbots) as well as the costs. Delegates will be able to integrate a Virtual Agent with Power AI and legacy desktop apps via Desktop workflow.

Short Overview

During this session delegates will be introduced to Power Virtual Agents. The main features of Power Virtual Agents will be explained and hands on labs will be provided to all participants to gain experience of the tool.

Course Details

Day 1

- Introduction to Power Virtual Agents (PVA)
- Issues Around Chatbots
- Chatbot Use Cases
- Determining Best Use Case for Chatbot
- Integrating AI with Chatbot
- Chatbot Building Options
- Best Practice
- Power Virtual Agents in Teams
- Robotic Process Automation
- Legacy Automation Issues
- Integration Issues
- Answering Questions or Enquiries with PVA

Day 2

- Process Returns and Exchange Requests
- Resolving a Complaint or Problem
- Making a Purchase/Check Inventory/Make Recommendation/Track Shipping
- Product Onboarding/Help Desk
- Making a Reservation/Booking a Ticket to an Event
- Manage Email Subscription Preferences
- Paying a Bill/Processing a Claim
- Finding a Qualified Person (e.g., Professional Services)
- Triage for Healthcare/Crisis Communication
- Customer Feedback/Quizzes, Surveys, and Competitions
- Automate with Power Automate
- Integrating Desktop Software with Virtual Agents
- Recording and Editing Tasks
- Running Desktop Flows
- Process Advisor
- Data Verse