Microsoft Power Platform @ Heineken

Andrew Sayers : Digital Specialist at Heineken

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In the next five years, 500 million more apps will be created. That's more than all the apps built in the last 40 years, according to the IDC.

Thursday, January 14, 2021

Ref: 3 low-code trends: why low-code will be big in your 2021 tech strategy | Microsoft Power Apps

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Heineken
History

Started in 1864 – Amsterdam (Gerard Adriaan Heineken)

Operating in over 160 countries

HNS – Heineken Netherlands Supply
Zoeterwoude , Den Bosch and Wijlre breweries

Every year we brew **18 million hectolitres** of beer in the Netherlands.

If you would line this up in a row of bottles, it would **go round the world 9 times!**

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Automated production

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The Power Platform

The 4 A's

Analyse (Power BI)
Discover intelligent insights in diverse data.

Act (Power Apps)
Build low-code solutions to business challenges.

Automate (Power Automate)
Streamline processes with no-code automation.

Assist (Power Virtual Agents)
Handle routine enquiries at scale with no-code chatbots.

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The Power Platform

Overview

Microsoft Power Platform

The low-code platform that spans Office 365, Azure, Dynamics 365, and standalone applications

Innovation anywhere. Unlocks value everywhere.
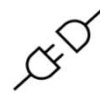
Power BI
Business analytics

Power Apps
Application development

Power Automate
Process automation

Power Virtual Agents
Intelligent virtual agents

Data connectors

AI Builder

Dataverse

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The need that Microsoft are addressing.

Moving from Excel to Apps

Customizations
Company data
Automation

Customizations
Company data
Automation

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Power Apps @ HNS

Ingredients

40 apps at HNS :

	Safety	Production	Learning and Development
Intake funnel for new and existing apps :	Suitable for Power apps ? How critical is it ? What type of SLA? Is the business committed? Map the process.		Then create an agreement that the app is to be added to a manged environment supported by IT.
Documentation, support :	A wiki for the business / IT to reference. High level , data connections etc.		Structured comments within Power App. Naming conventions and meaningful labels in the app.

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My experience of using Power Apps

Pros

Very short delivery time – POC in a week if not days.

Integrates well with other O365 apps.

Apps can be integrated within Microsoft Teams

No need of pro developer for basic apps.

Opportunities / challenges

Need of digital leadership / guidance.

Review and adjust KPIs to measure apps (maybe not how many FTE savings but quicker onboarding process to make sure you don't loose good talent).

Can be a steep learning curve for more complicated solutions.

It's a team game with the need to utilize the many functions and groups within an organization.

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Power Apps @ HNS

Key takeaways

"This is the beginning of a revolution"

These type of automations must provide an "Effortless experience" to show their true value / potential.

What is your data model ?

Its not just the technology , but you have to have the right strategy, culture and mindset to be successful with these tools.

Don't always fit the app to the process , can an app help improve , evolve the process?

"First create a minimum viable product - something that communicates the core ideas but uses the fewest possible resources possible"

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Closing thoughts

"Good is good enough"

"First create a minimum viable product - something that communicates the core ideas but uses the fewest possible resources possible"

Minimum Viable Product

Product Vision

HOW TO BUILD A MINIMUM VIABLE PRODUCT

The Wrong Way

1 2 3 4

The Right Way

1 2 3 4

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Important Link

Microsoft Power Platform Center of Excellence (CoE) Starter Kit

08/07/2021 • 2 minutes to read •

A Center of Excellence (CoE) in an organization drives innovation and improvement and brings together like-minded people with similar business goals to share knowledge and success, while at the same time providing standards, consistency, and governance to the organization.

The Microsoft Power Platform CoE Starter Kit is a collection of components and tools that are designed to help you get started with developing a strategy for adopting and supporting Microsoft Power Platform, with a focus on Power Apps, Power Automate, and Power Virtual Agents.

Overview
Define goals and expected outcomes of your CoE
- Overview
- Motivation
- Download

Admin
Gain insights into your Microsoft Power Platform adoption
- Set up
- Use
- Deep dive

Govern
Establish audit and compliance processes
- Set up
- Use
- Deep dive

Nurture
Accelerate your adoption by thriving with a community of makers
- Set up
- Use

https://docs.microsoft.com/en-gb/power-platform/guidance/coe/starter-kit

DLP policies to control connectors within Power Platform.

https://docs.microsoft.com/en-us/power-platform/admin/create-dlp-policy#:~:text=To%20protect%20data%20in%20your%20organization%2C%20you%20can,policies%20are%20called%20data%20loss%20prevention%20%28DLP%29%20policies.

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