



Club Power BI

La communauté Power BI française

Meetups, Conférences, Webcasts, Afterworks



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Les nouveautés Power BI

Jean-Pierre Riehl – Co Fondateur du Club Power BI

AZEO
talents & technology



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DEMO



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Le trio magique: Power BI, PowerApps & Flow

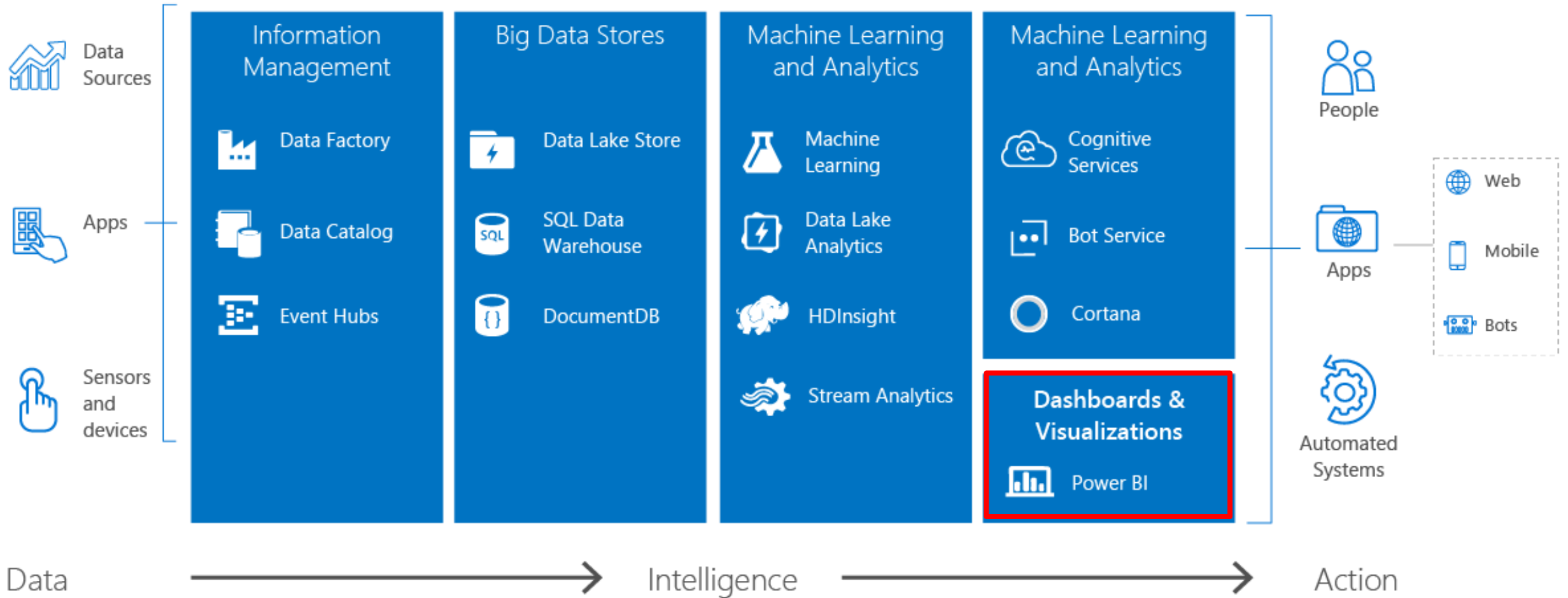
Tristan Malherbe – Co Fondateur du Club Power BI

AZEO
talents & technology



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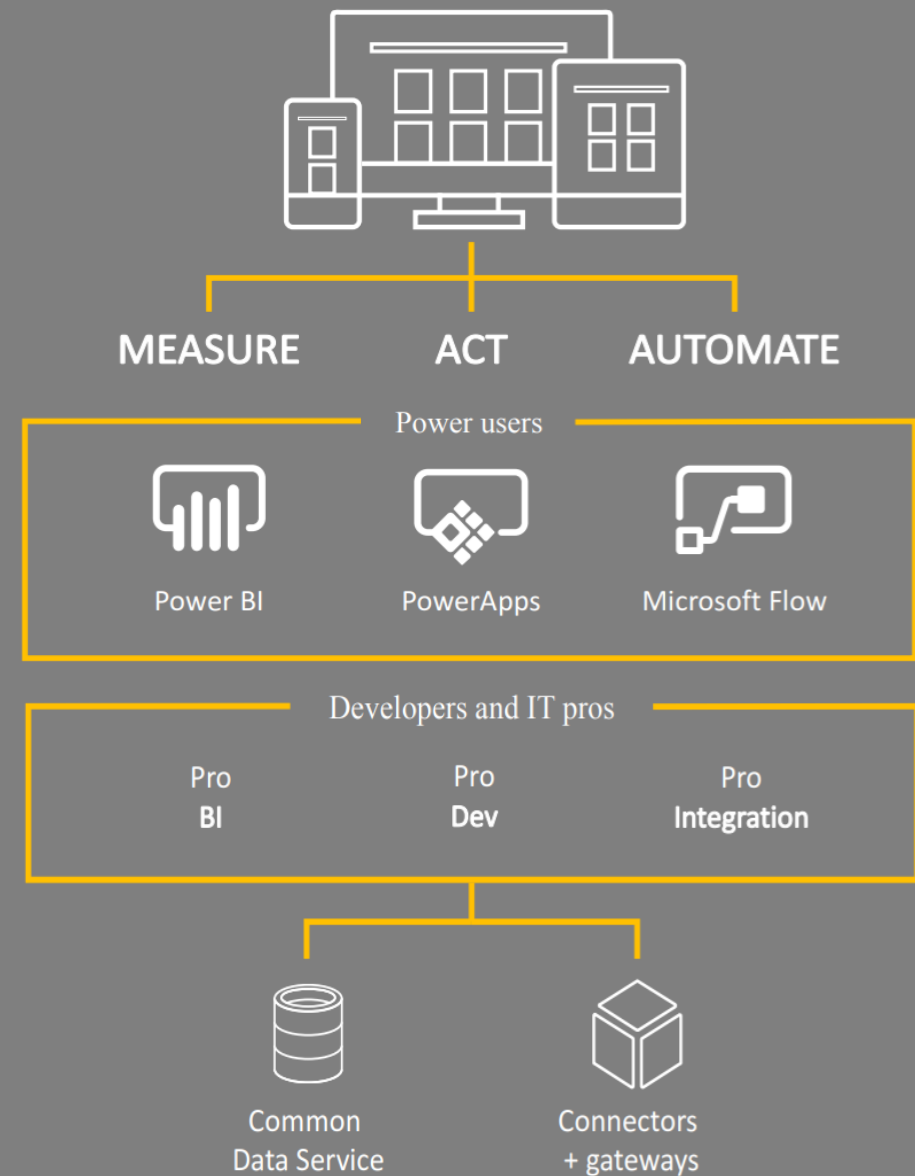
Suite Cortana Intelligence



Business Solutions Suite

Power Users développent des applications métiers...

Et collaborent avec des Devs pour l'industrialisation de la solution



Data Iceberg

Dashboard

Partage

Visualisation

Analyse

Modélisation

Nettoyage

Import

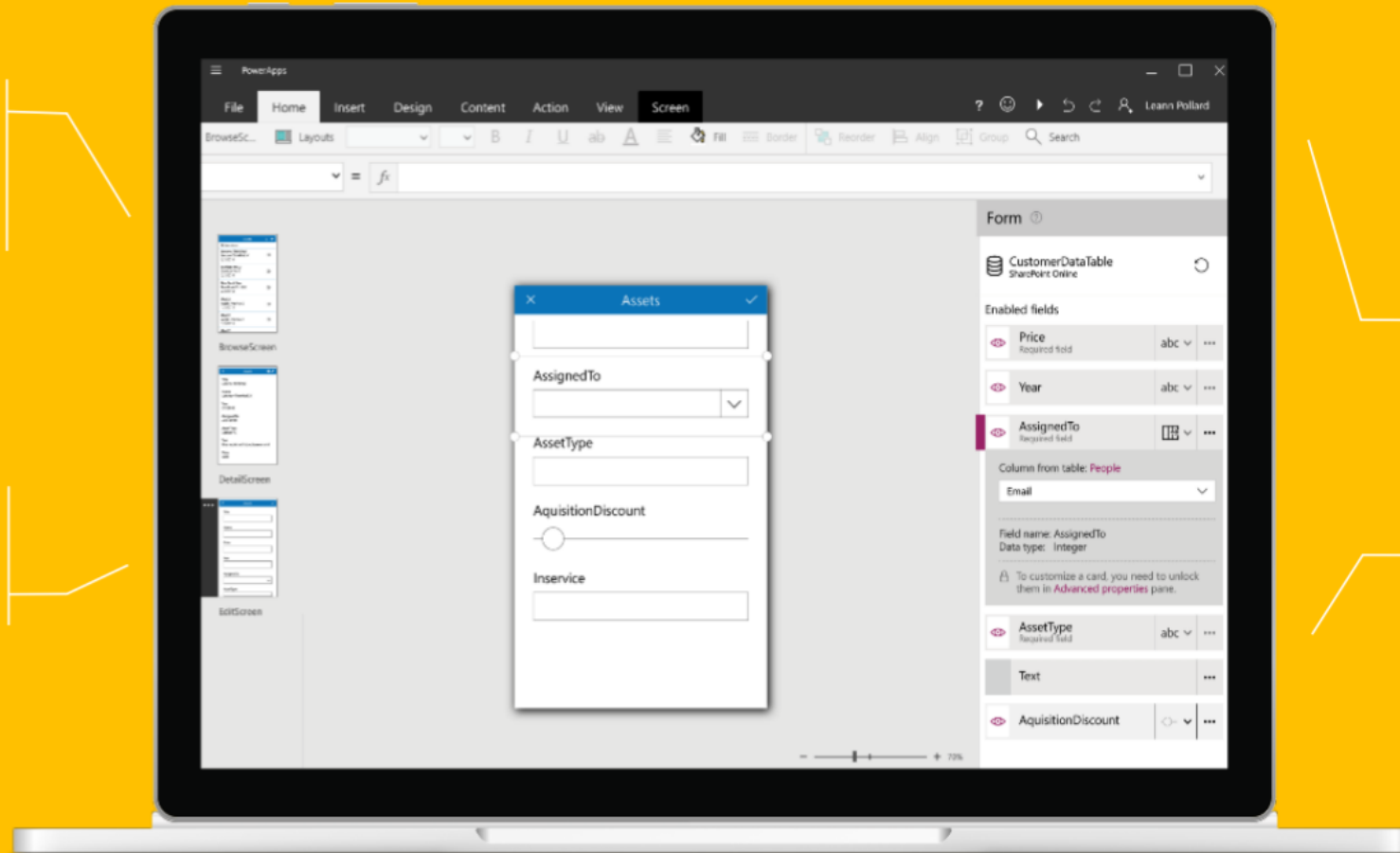


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Build useful apps without writing code

Craft forms and screens in a visual designer that helps you see exactly what you'll get

Take advantage of device capabilities like cameras, GPS, and pen controls

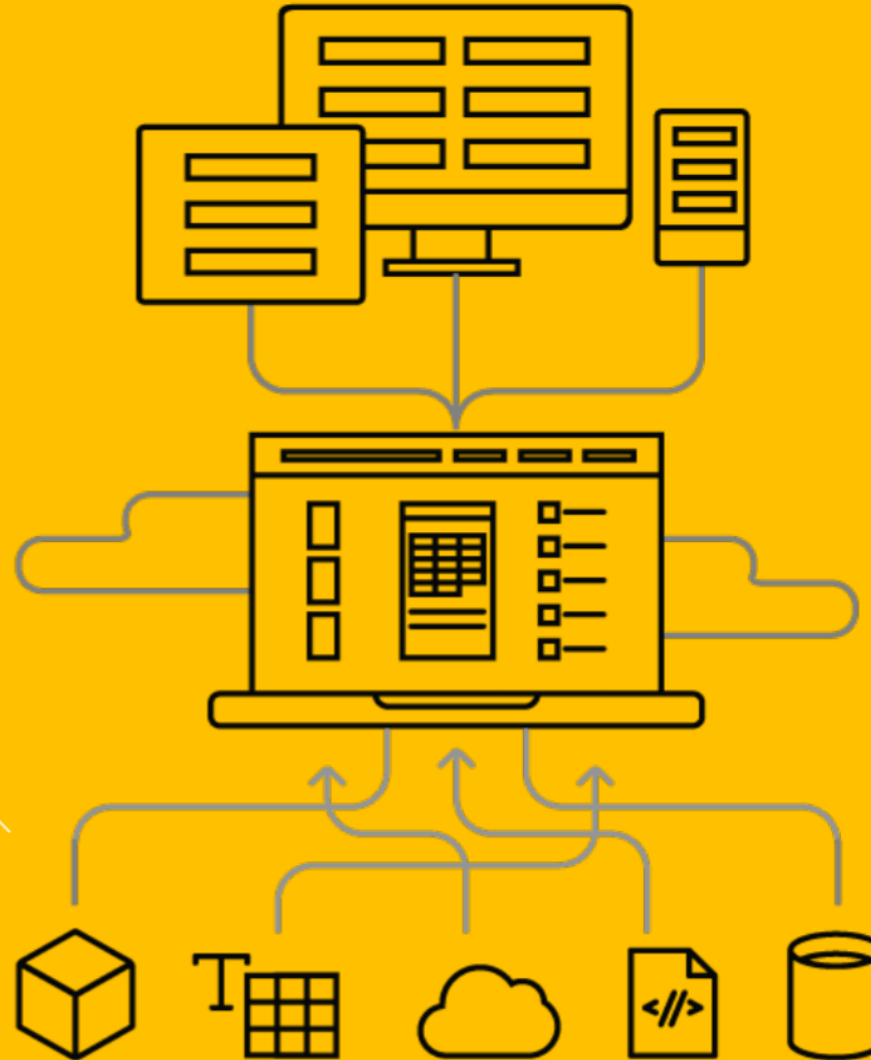


Build business logic into your apps with an Excel-inspired expression language

Extend the capabilities of connected data sources, or focus just on the bits you need



How it works



PowerApps Cloud
Publish apps to people in your organization so they can access anywhere

Use on web and mobile
Find and use apps instantly on the web and in PowerApps mobile for iOS and Android

Create in PowerApps Studio
Build apps in a visual experience that shows exactly what you'll get

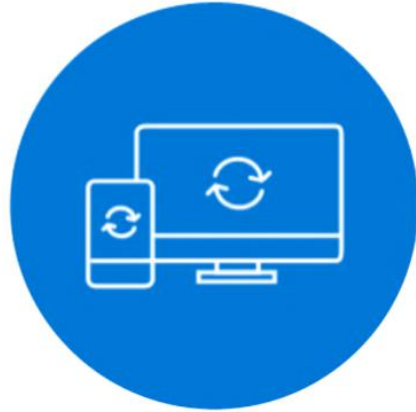
Connections
Build apps that interact with your data sources and respect their permissions

Your data
PowerApps connects to a range of data sources and systems, including custom APIs

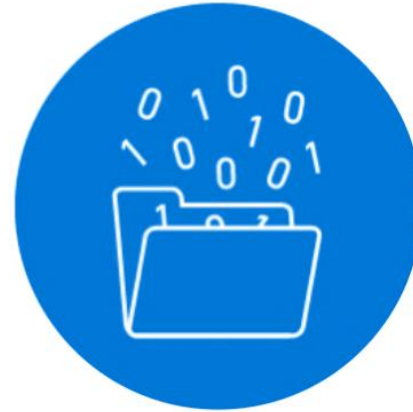
Microsoft Flow



Notifications



Synchronisation



Collecte



Approbations

Microsoft Flow

Déclencheur – Événement qui démarre le flow

Actions – Ce que le flow induit
Utilise la donnée issue du déclencheur

The screenshot displays a Microsoft Flow workflow. The first step is a trigger named "When a record is created", which is configured with "Organization Name" set to "PowerAppsMSITest1" and "Entity Name" set to "Leads". An arrow points down to the second step, an action named "Send an email". This action is configured with the "To" field set to "Owner", the "Subject" field set to "Follow up on Lead", and the "Email body" field containing the text "Don't forget to follow up with the lead: " followed by a dynamic content field "Topic", then ". The last name is: " followed by a dynamic content field "Last Name", then ".". At the bottom of the action card, there is a link "Show advanced options" with a downward arrow.

Déclencheurs – Microsoft Flow

Evènementiels – événements se produisant dans le cloud

Programmés – Fréquence définie

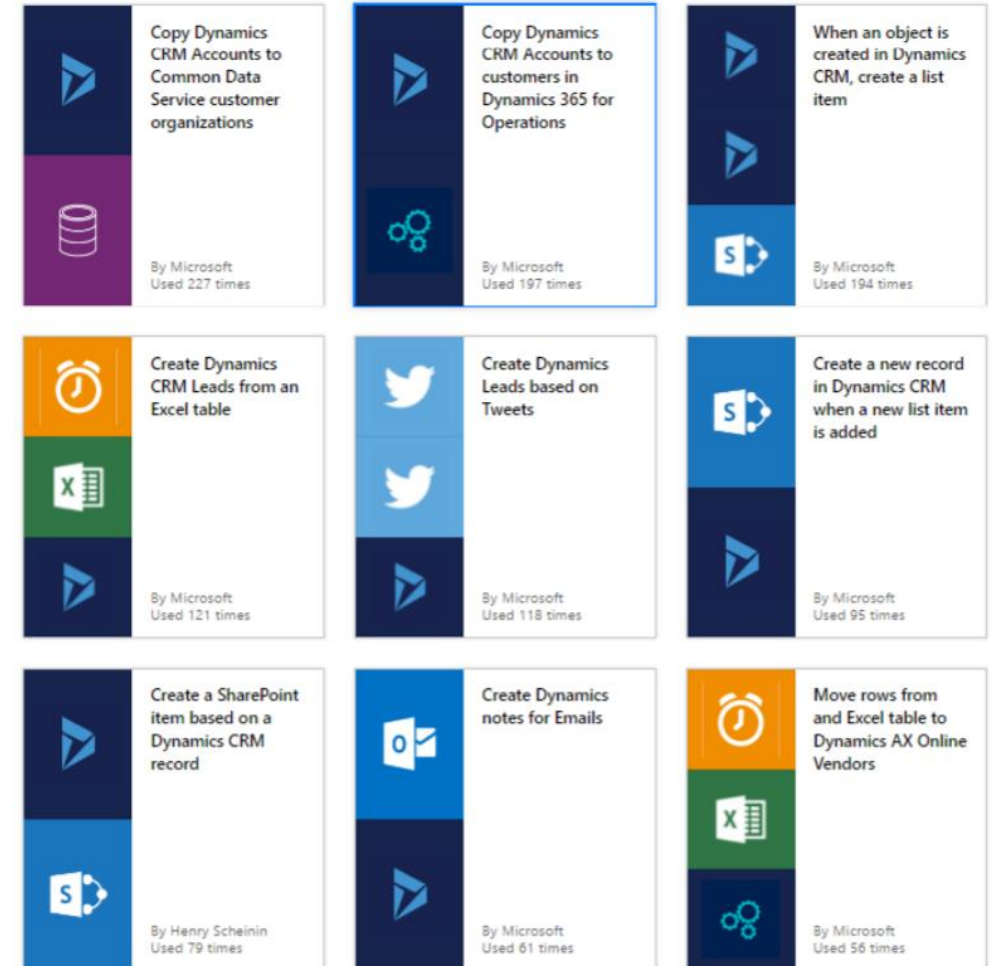
Manuels – Bouton Flow ou PowerApps



Connecteurs



Templates



Licensing – PowerApps

Extending Office 365 and Dynamics 365	For business users Run any app using CDM	For creators and IT admins Full creation & admin capabilities
PowerApps and MSFT Flow for Office 365 and Dynamics 365 <ul style="list-style-type: none">• Included with O365 & D365 workloads• PowerApps & MSFT Flow capabilities• Create & run within the context of O365 & D365 data sources Quotas (per user; pooled tenant-wide): <ul style="list-style-type: none">• 2,000 flow runs per month	PowerApps P1 <ul style="list-style-type: none">• PowerApps & MSFT Flow capabilities• Access to Common Data Model and premium connectors• Run any app or flow & build against any existing data source Quotas (per user; pooled tenant-wide): <ul style="list-style-type: none">• 4,500 flow runs per month• 20MB Data Storage• 2GB File Storage	PowerApps P2 <ul style="list-style-type: none">• Included in full D365 Plans Includes everything in P1, plus <ul style="list-style-type: none">• Create any app or flow• Model your business data and create custom entities (CDM)• Create/manage environments and databases• Set policy and view usage Quotas (per user; pooled tenant-wide): <ul style="list-style-type: none">• 15,000 flow runs per month• 200 MB Data Storage• 20 GB File Storage per user
Additional flow runs, Data Storage, and File Storage may be purchased as needed		



Licensing – Flow

Flow Free	Flow for Office 365 Flow for Dynamics 365	Flow Plan 1	Flow Plan 2
Anyone can sign up for free with their personal, work or school email	Included for free with most* Office 365 and Dynamics 365 application SKUs	Can be purchased by an individual or an admin 90 free trial available Also included with Dynamics 365 Plans 1 and 2 and PowerApps Plans 1 and 2	
750 flow runs per month included Limited to connect to “standard” services No on-premises connectivity (Post-GA) No co-authoring or sharing within an organization No SLA	2,000 flow runs per month included Limited to connect to “standard” services On-premises connectivity to Office, Dynamics services* Includes co-authoring or sharing within an organization	4,500 flow runs per month included Full “premium” connectivity to cloud and on-premises Includes co-authoring or sharing within an organization No governance or management features	15,000 flow runs per month included Full “premium” connectivity to cloud and on-premises (Post-GA) Includes co-authoring or sharing within an organization Full governance and management features



DEMO



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Ressources

- ❖ Power Users Community
- ❖ Measure Act & Automate
- ❖ Chaîne Youtube PowerApps
- ❖ Dive Into Microsoft Flow



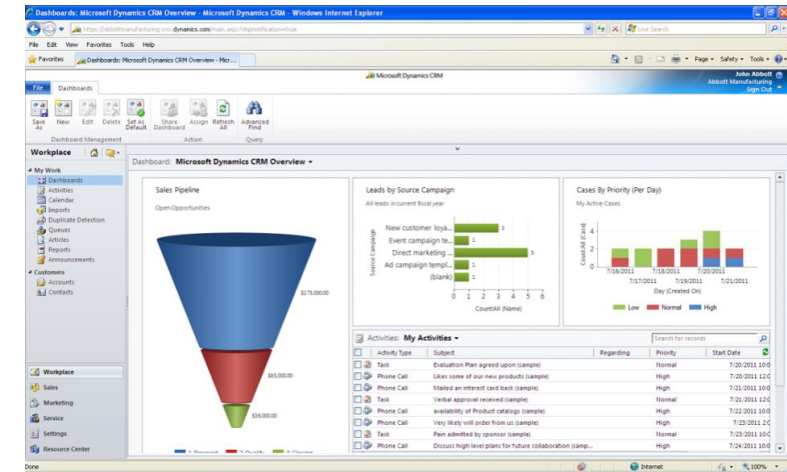
Retour d'expérience PowerApps

Frédéric FOREST - Datatorii

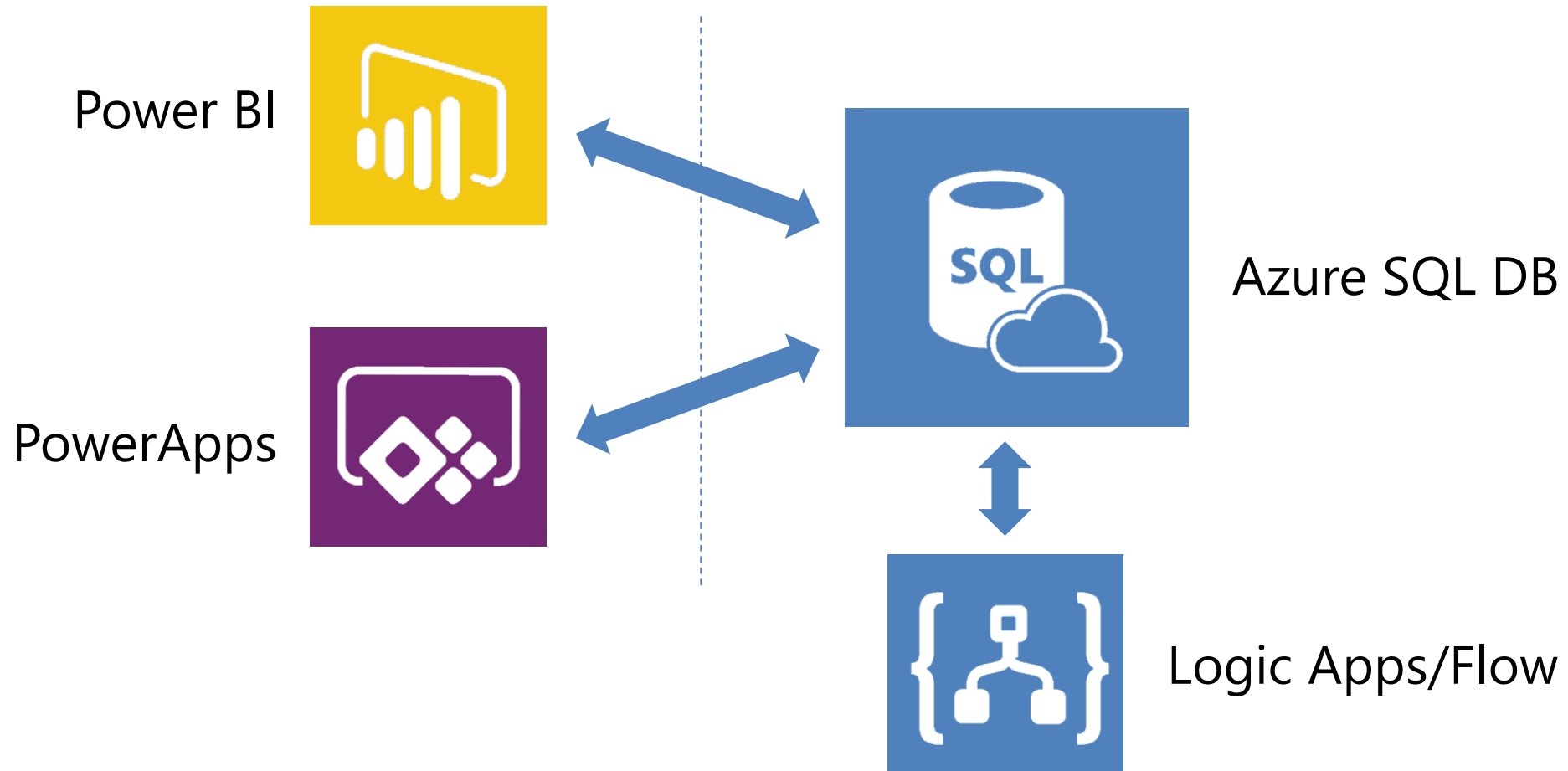


Contexte et cas d'usage


- ❖ Nouvelle entreprise
- ❖ Besoin d'un CRM
- ❖ Fonctionnalités simples
- ❖ Expérience Access/InfoPath
- ❖ Occasion d'appriivoiser PowerApps





Survol de la solution



Le résultat

 Rappels


 Entreprises

 Individus

Entreprises

Direction | Frédéric Forest

☐ Nouvelle entreprise



Entreprise 1

Entreprise 2

Entreprise 3

Entreprise 4

Entreprise 5

Entreprise 6

Entreprise 7

Entreprise 8

Entreprise 9

Entreprise 10

Entreprise 11

Entreprise 12

Entreprise 13

Entreprise 14

Entreprise 15

Entreprise 16

Entreprise 17


Entreprise 18


Entreprise 19


Entreprise 20


Détail de l'entreprise


Individus











Nom


Adresse

VilleCode postal

Email

Téléphone

Enregistrer



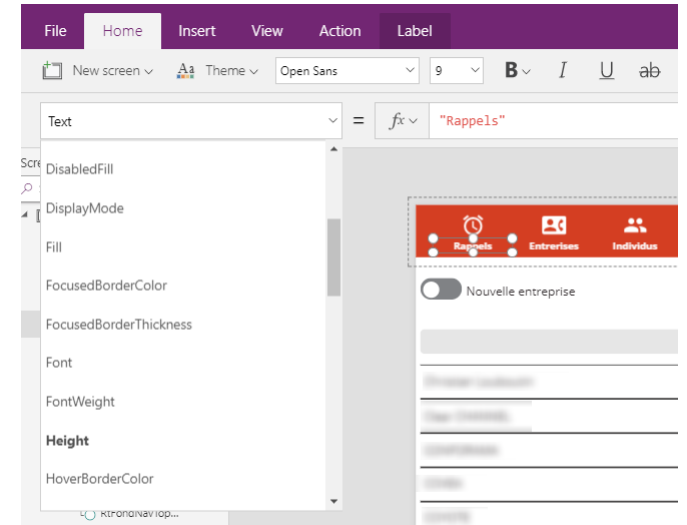
DEMO



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Leçons clés

- ❖ Beaucoup de propriétés peuvent être surchargées = flexibilité !
- ❖ « low code » plus que « no code »
- ❖ Travailler en collect+patch et délégation
- ❖ Convention de nommage!
- ❖ Plusieurs petites apps plutôt qu'une grosse



Ce qui a bien marché

- ❖ Rapport qualité-prix!
- ❖ Patterns UI pour le CRUD
- ❖ Rapidité de développement
- ❖ Sécurité et partage de droits
- ❖ Mobilité
- ❖ Transfert d'environnement

Les attrapes (gotchas' !)

- ❖ Librairie SharePoint... sans fichier! (à l'époque)
- ❖ Connecteurs SQL : pas de triggers, de vues, etc.
- ❖ 500 items par collection (sans avertissements!)
- ❖ Tableaux de données vs Galleries



Les usages



Le bon cas

- ❖ App de saisie légère
- ❖ Data déjà en cloud
- ❖ Power User ou Dev Data



Le moins bon cas

- ❖ Logique complexe
- ❖ Debugging/monitoring
- ❖ Plusieurs développeurs

Verdict

GO!

Prochains projets

- Mini MDM
- Déclencheurs d'ETL
- Petits outils complémentaires (RH, évals, etc.)



Prochains Meetups



❖ **Lundi 18 décembre 2017:** PowerBI - le « backstage », chez **Microsoft**  Microsoft

❖ **Jeudi 11 janvier 2018:** L'industrialisation de Power BI, chez **Keyrus**  KEYRUS
insight into value



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