Power Platform Deep Dive

Microsoft TechDays Helsinki 2019

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Hello!

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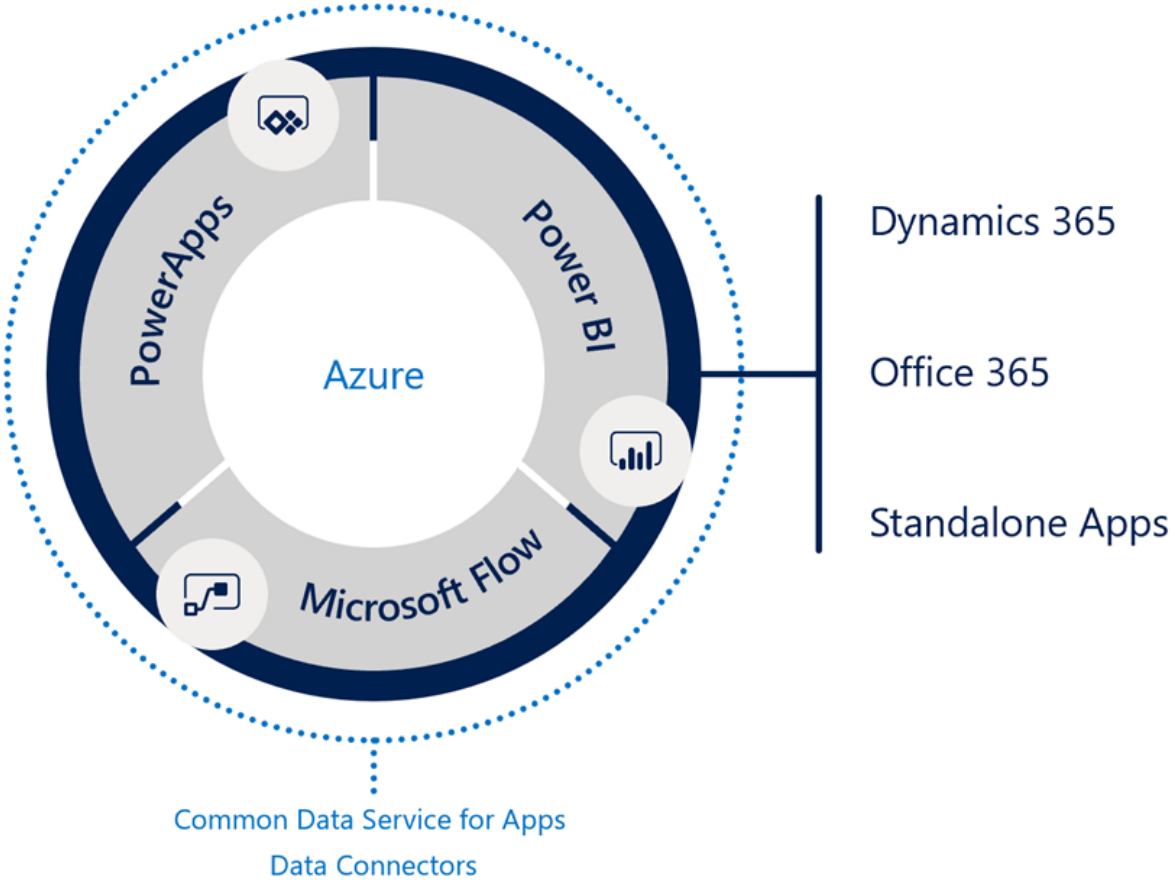
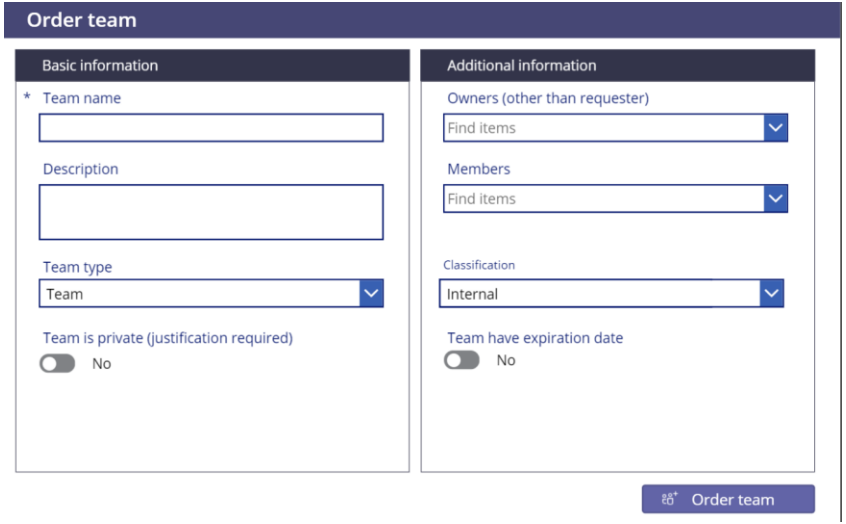
Microsoft Power platform

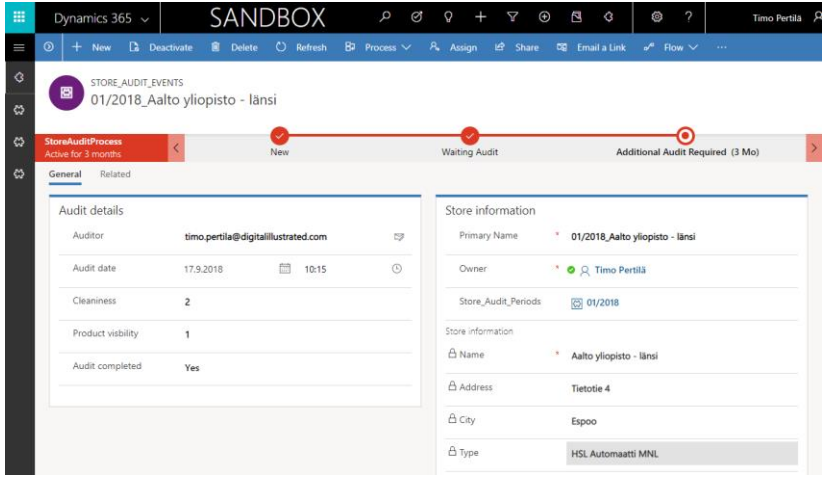


Canvas vs. Model-driven PowerApps

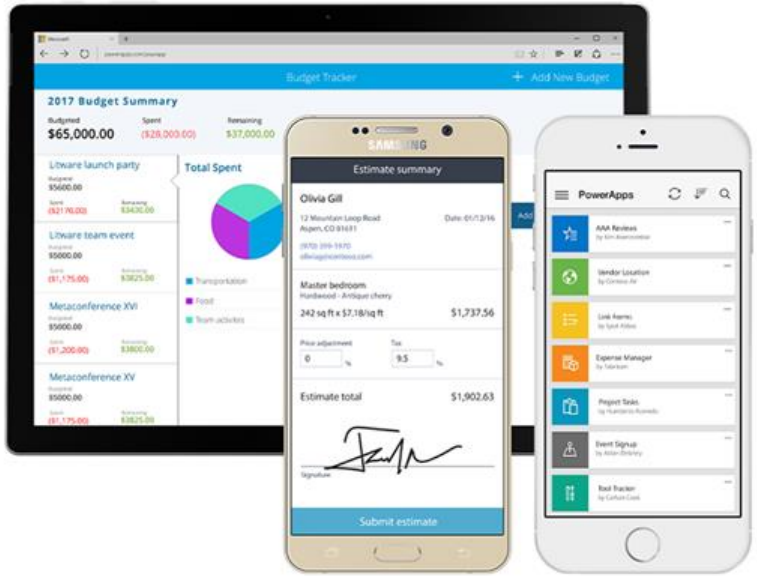
Canvas



Model-driven



PowerApps in a Nutshell



- Solutions with little or no code
- Usage with a browser or iOS- or Android phones/tablets (in PowerApps app)
- Use with Office 365 account
  - Can be shared to users / groups
- Integrates to Office 365 tools and Microsoft cloud services
- Enables small/quick and more ambitious solutions

You might think that the PowerApps is just for building simple mobile apps. Or just for customizing SharePoint list forms.

But it is much more.

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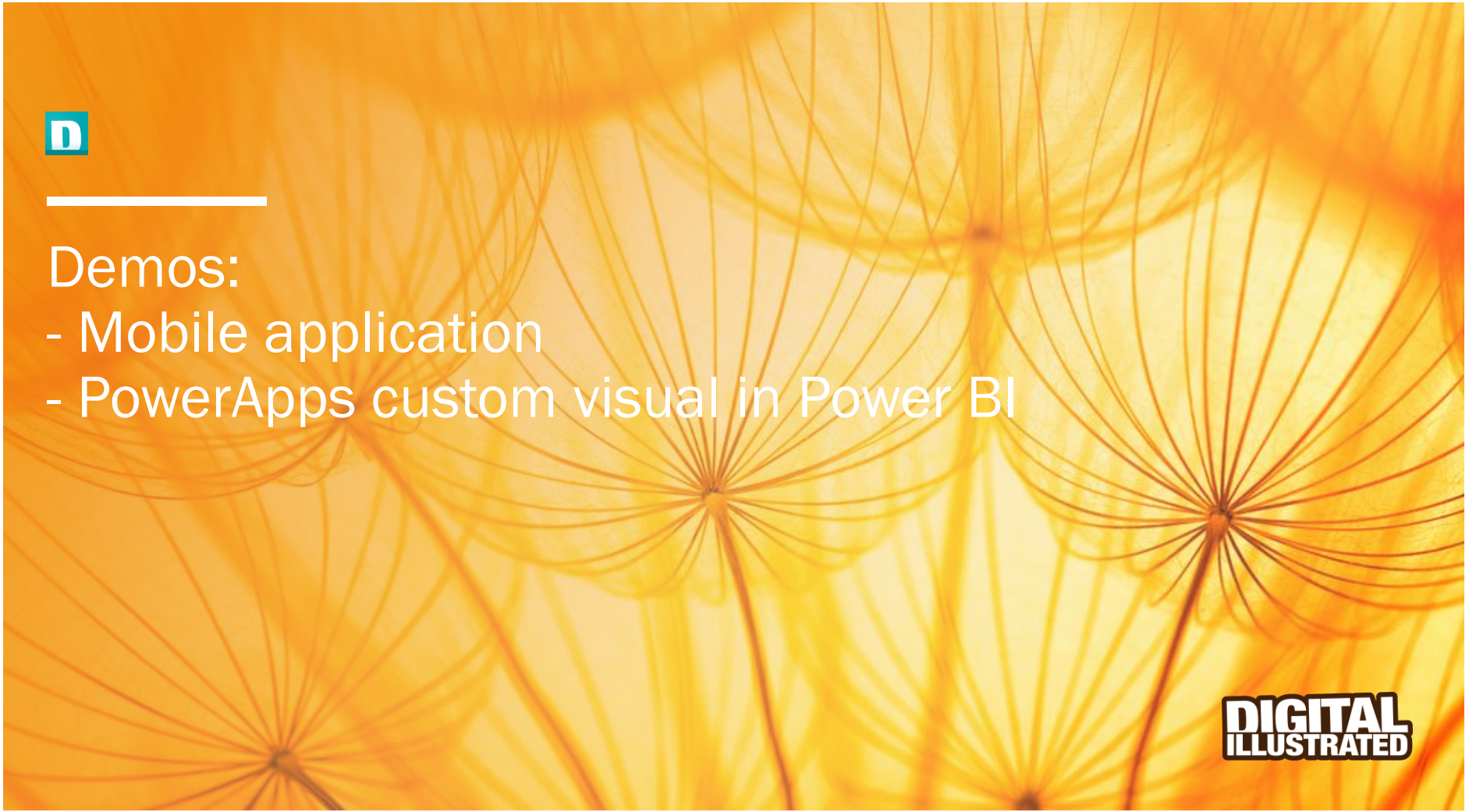
Demos:
- Mobile application
- PowerApps custom visual in Power BI
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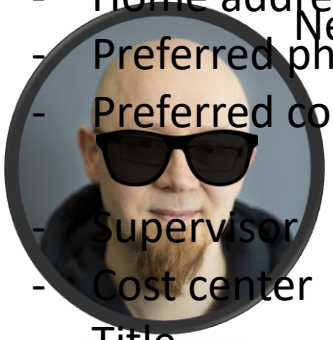
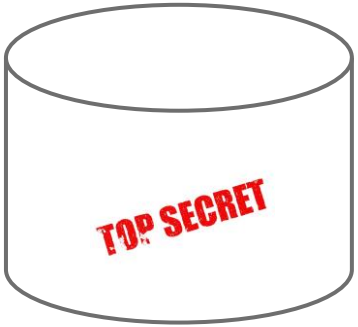
Employee onboarding - Gathering the information

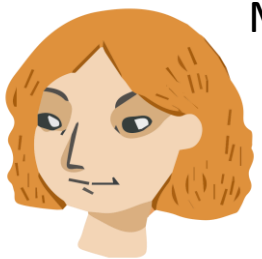
- Name
- Phonenumber
- Home address
- Preferred phone
- Preferred computer
- Supervisor
- Cost center
- Title
- Location
- Salary
- etc



New employee

Office 365

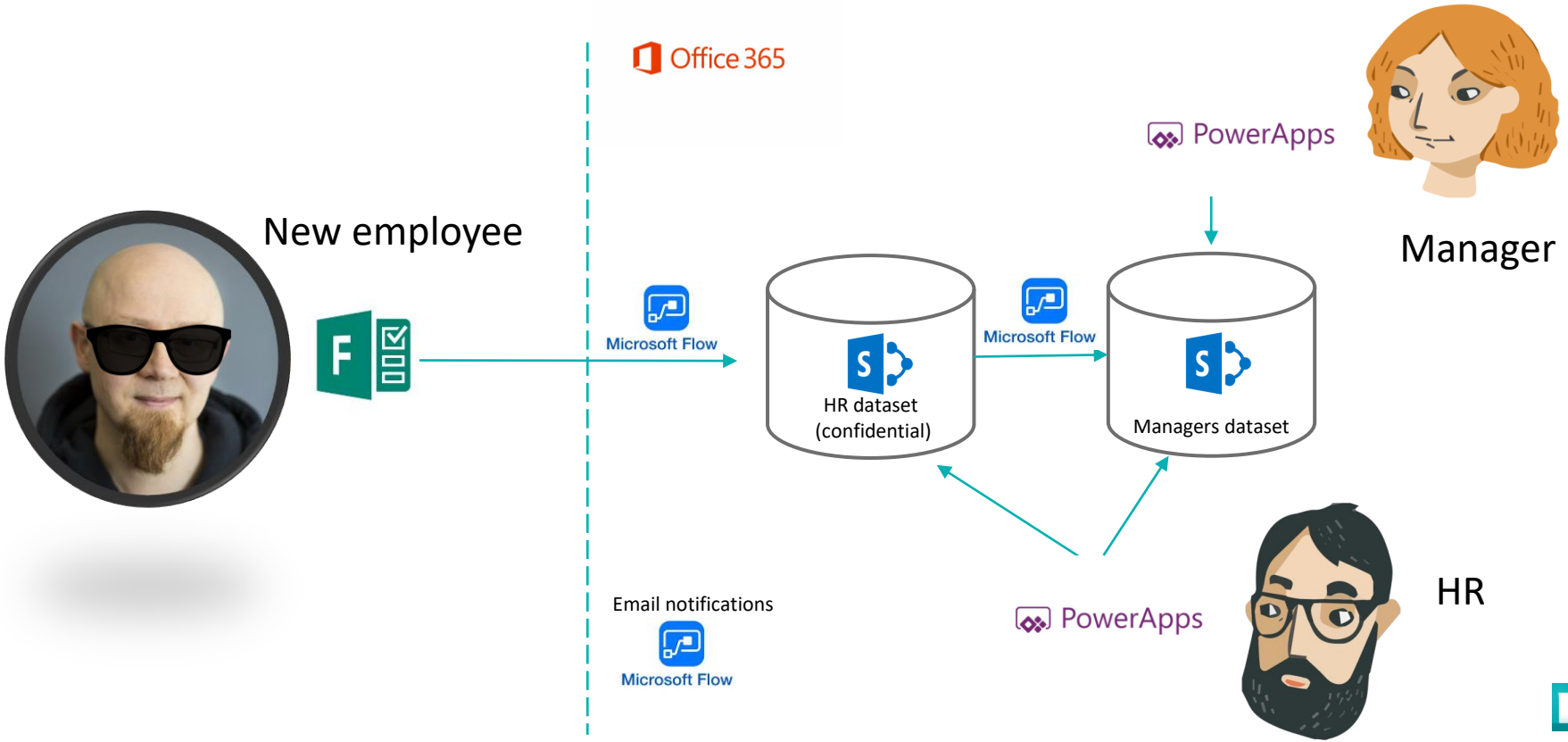




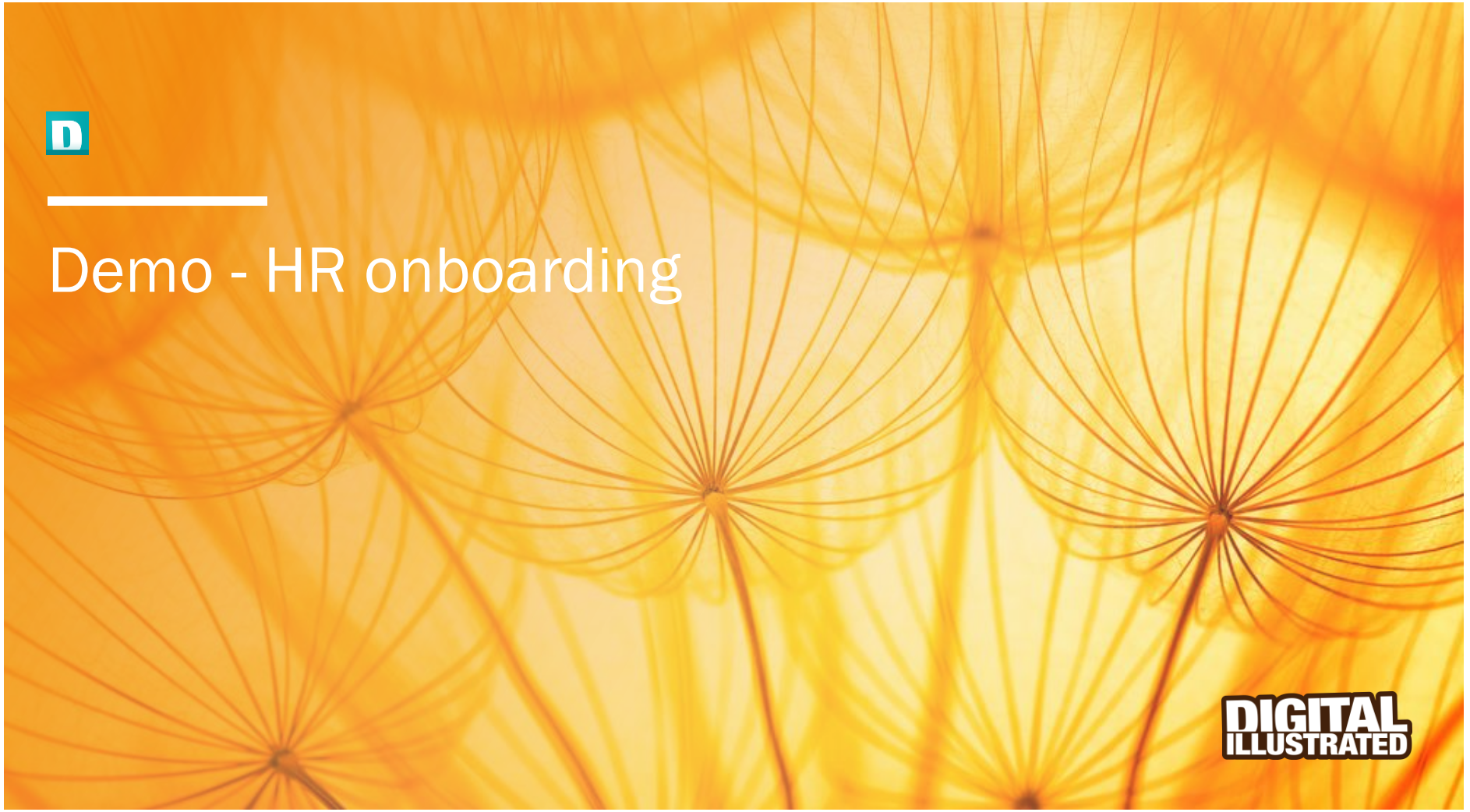
Manager

HR

Employee onboarding - Gathering the information



Demo - HR onboarding



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08.11.2018
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KILO
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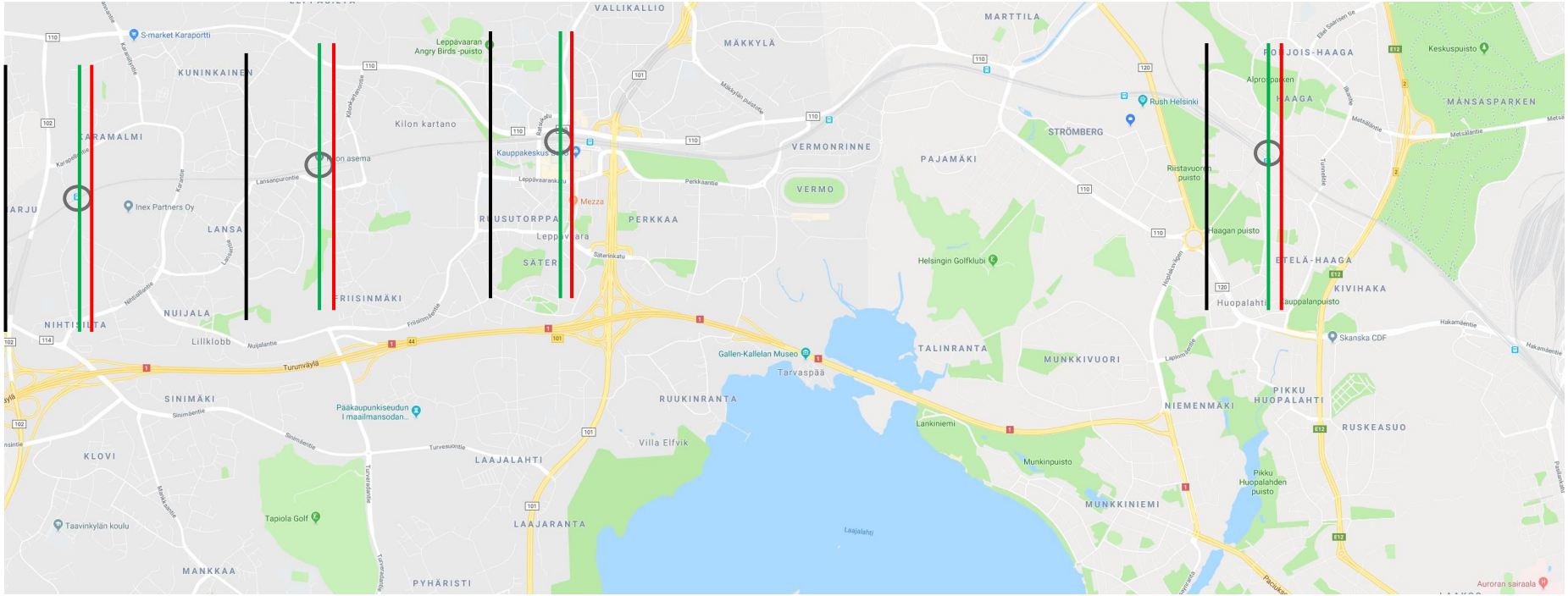
dina vyer.

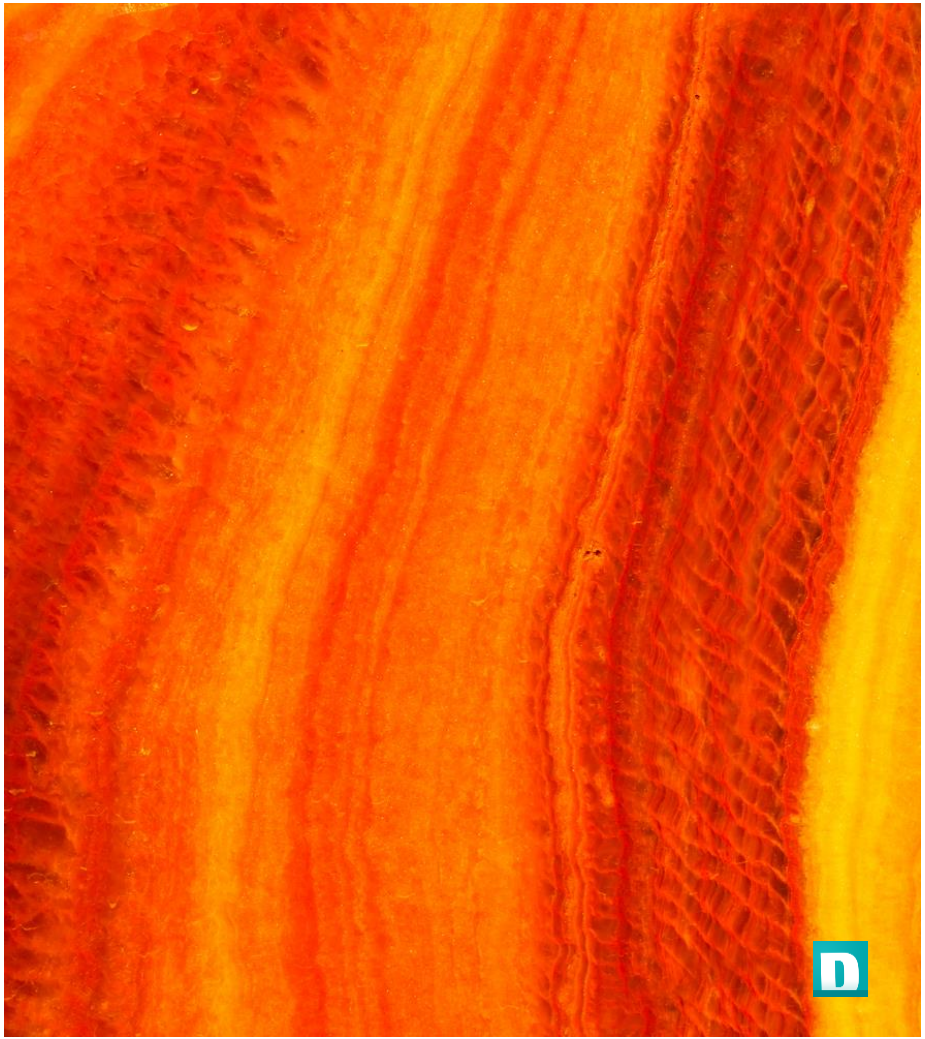
Train route



VALLIKALLIO
MÄKKYLÄ
MARTTILA
S-market Karaportti
KUNINKAINEN
Leppävaaran Angry Birds -puisto
Kilon kartano
Kilon asema
Kauppakeskus
Mezza
Inex Partners Oy
LANSA
RUUSUTORPPA
PERKKAA
SÄTERI
Leppävaara
VERMONRINNE
VERMO
PAJAMÄKI
STRÖMBERG
Rush Helsinki
Riistavuoren puisto
Haagan puisto
Helsingin Golfklubi
FRIISINMÄKI
NUIJALA
NIHTISILTA
Lillklobb
Turunväylä
Gallen-Kallelan Museo
Tarvaspää
TALINRANTA
MUNKKIVUORI
Huopalahti
Lauppalanpuisto
KIVIHAKA
ETELÄ-HAAGA
HAAGA
Keskuspuisto
MÄNSASPARKEN
Skanska CDF
SINIMÄKI
Pääkaupunkiseudun I maailmansodan...
RUUKINRANTA
Villa Elfvik
Lankiniemi
NIEMENMÄKI
PIKKU HUOPALAHTI
RUSKEASUO
KLOVI
LAAJALAHTI
Munkinpuisto
Pikku Huopalahden puisto
MUNKKINIEMI
Tapiola Golf
LAAJARANTA
Taavinkylän koulu
MANKKAA
PYHÄRISTI
Auroran sairaala

Demo - Infoscreen

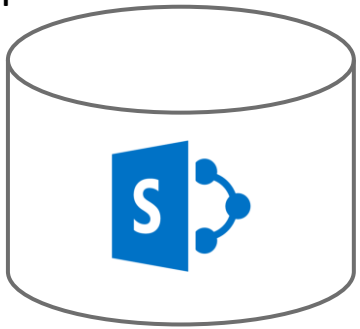
Delegation



Example: Delegation supported

”Give me all stores where Location = Helsinki”

”Here you are. All 1000 stores located in Helsinki”

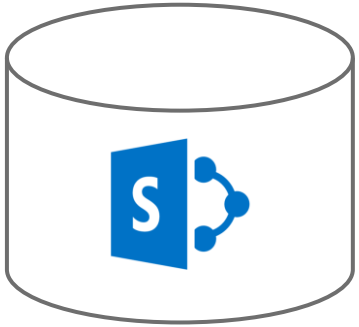


5000 items

Example: Delegation not supported

”Give me all stores name containing string Kioski”

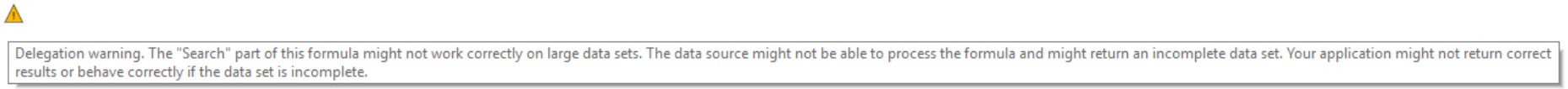
”Here are 500 first stores. Please find what you want by yourself”



5000 items

Delegation support depends on used…

- **Data source** (SharePoint, SQL Server, Dynamics 365, CDS for Apps, Excel, Google Sheet…)
- **Function** (Filter, Search, LookUp, Sort…)
- **Predicates** (Not, In, StartsWith, +, -, <, <=, =…)



Read: https://docs.microsoft.com/fi-fi/powerapps/maker/canvas-apps/delegation-list

Demo
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Lessons learned

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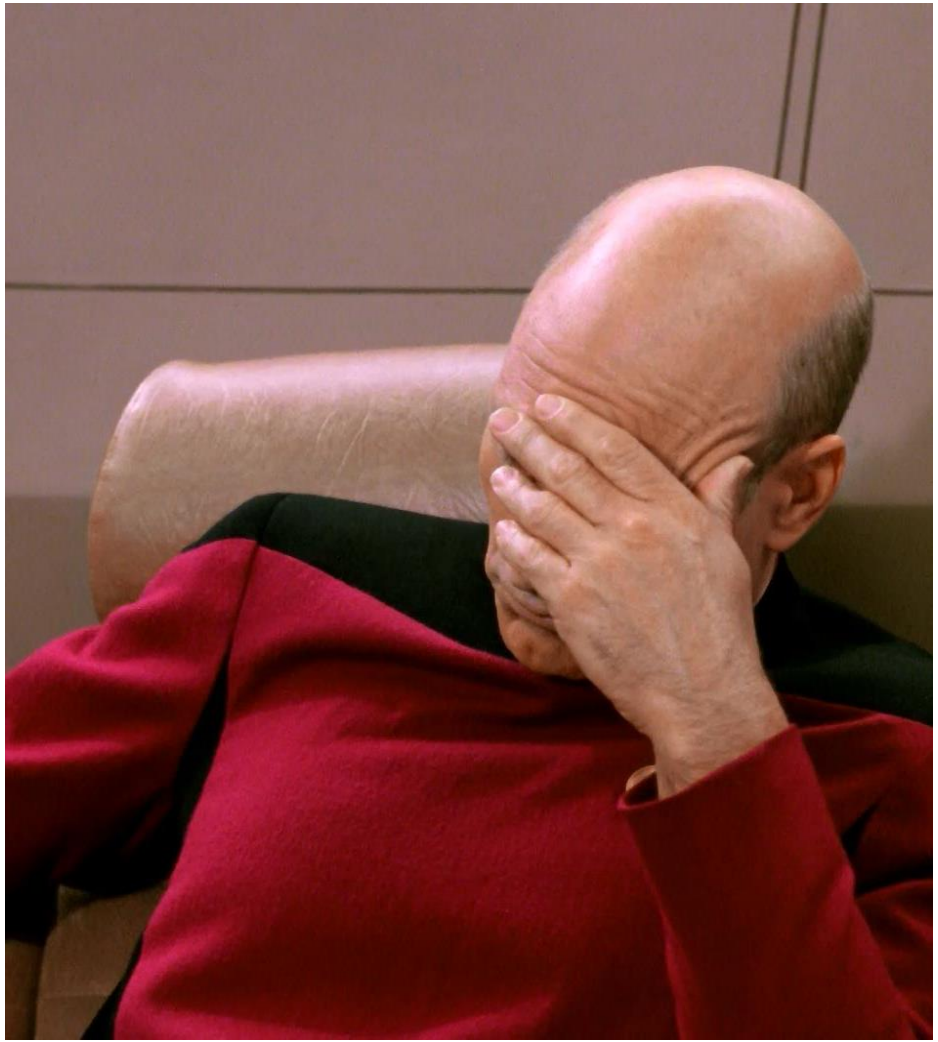
1. Don’t underestimate SharePoint lists

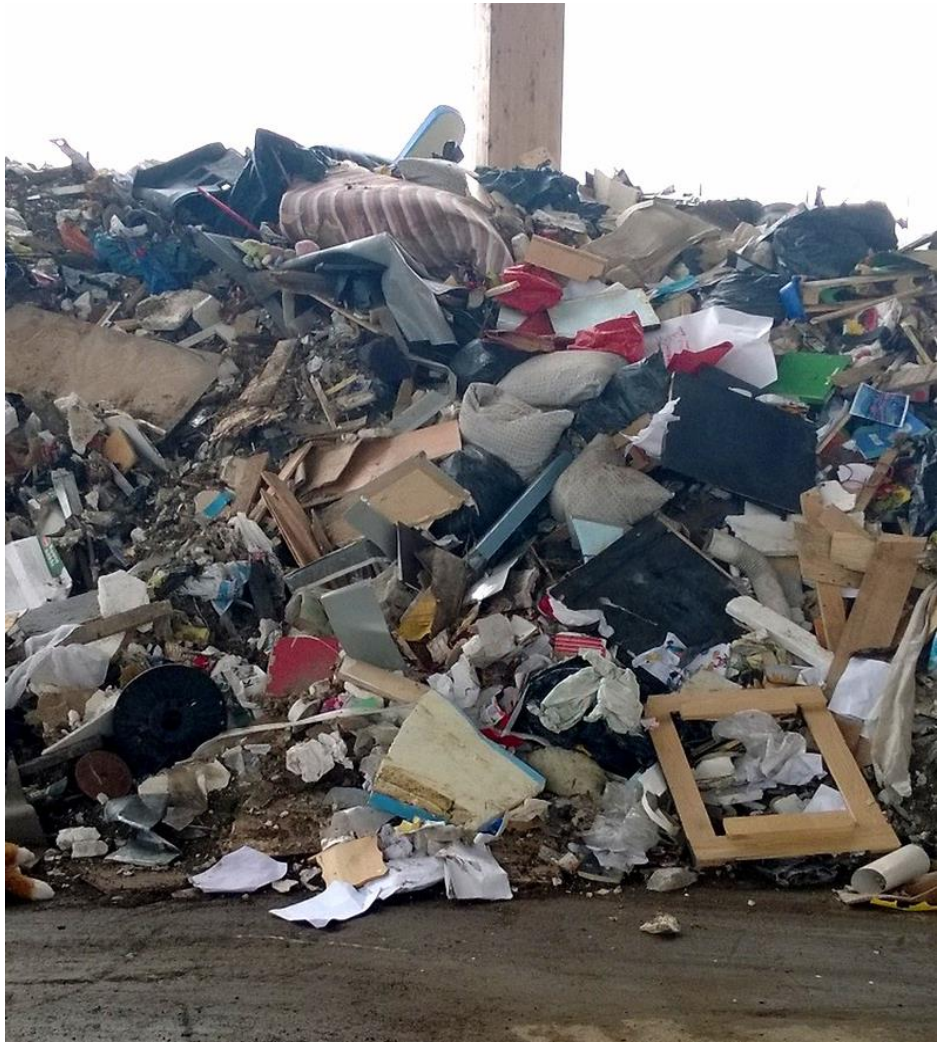


2. Don’t overestimate SQL databases

3. Find out what mobile devices end users use

Image: Jorge Barrios

4. Start planning governance now



Thank You!

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