EmPower Your Career

Conference

April 3rd to 5th

365 SATURDAY

"There can be no greater gift then that of giving one's time and energy to help others without expecting anything in return"
– Nelson Mandela

EmPower Your Career

Conference

April 3rd to 5th

365 SATURDAY

Getting started with Power BI

Mihir Shah / Solution Architect

#EmPowerYourCareer

Getting started with Power BI

Mihir Shah
Solution Architect - IBM
@mihircrm
Blog – 365withoutcode.blogspot.com

Love visiting National Parks along with family camping and RV trips

Agenda

- About Power BI
- Connecting to data
- Transforming / modelling
- Creating visuals
- Publish and sharing
- Insights and AI

Power BI – the UI for BI & AI

Why?

- To create, collaborate and present visual business insights from data
- Connectors for multiple sources of data
- AI powered data modelling (premium)

What ?

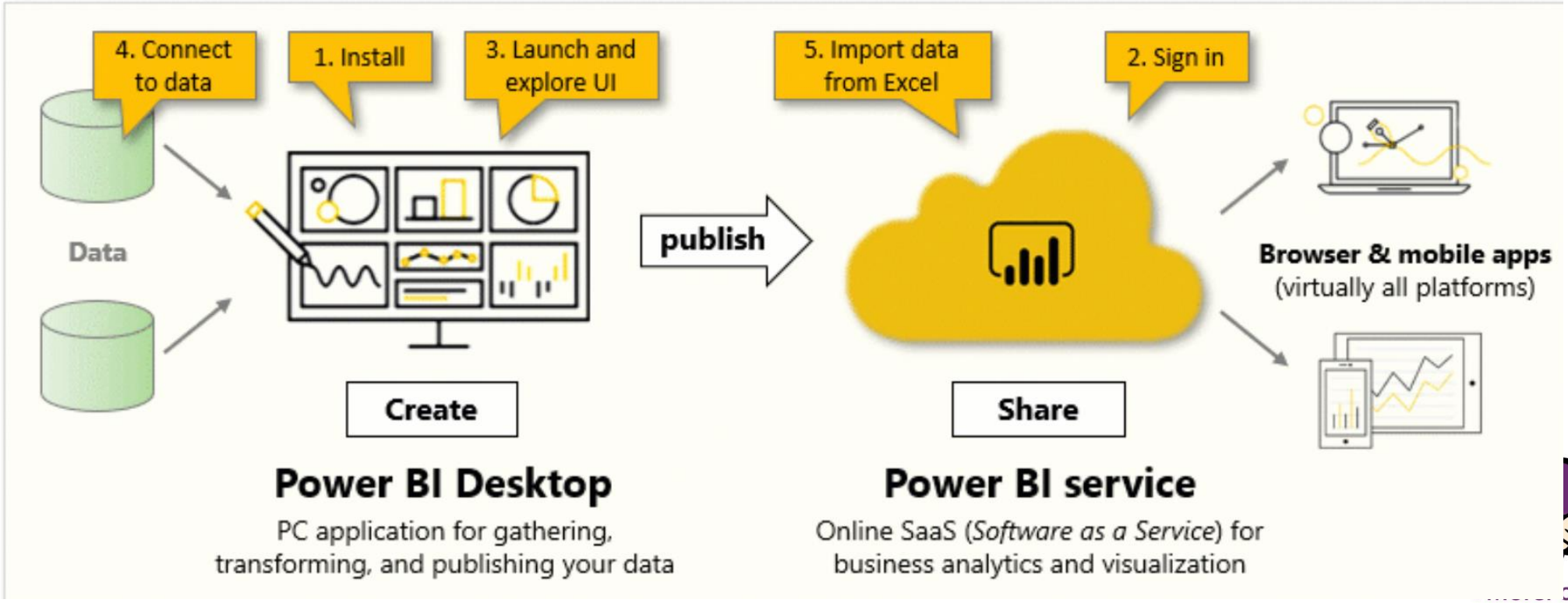
- Azure service
- Stores in Azure blob / Data lake (premium)

- Collection / Apps
  - Dataset
  - Reports
  - Dashboards
  - Insights

How ?

- PowerBi.com service
- Power BI Desktop
- Power BI Mobile
- Power BI Report Server (on premise)

Power BI –


4. Connect to data
1. Install
3. Launch and explore UI
5. Import data from Excel
2. Sign in
Data
publish
Browser & mobile apps
(virtually all platforms)
Create
Share
Power BI Desktop
PC application for gathering, transforming, and publishing your data
Power BI service
Online SaaS (Software as a Service) for business analytics and visualization

Power BI – Licensing

Description	Free	Pro	Premium
Create visuals	Yes	Yes	Yes
Share visuals	No	Yes	Yes
View shared visuals	No	Yes	Yes
Dataset size (each)	1 GB	1 GB	10 GB
Storage (max)	10 GB	10 GB per user	100 TB
Environment	Shared	Shared	Dedicated
Max auto refresh 24hr	8	8	48
AI data modelling	No	No	Yes
Data Lake storage	No	No	Yes

erYourCareer

Power BI – Desktop Demo

- About Power BI ✓
- Connecting to data ←
- Transforming / modelling
- Creating visuals
- Publish and sharing
- Insights and AI

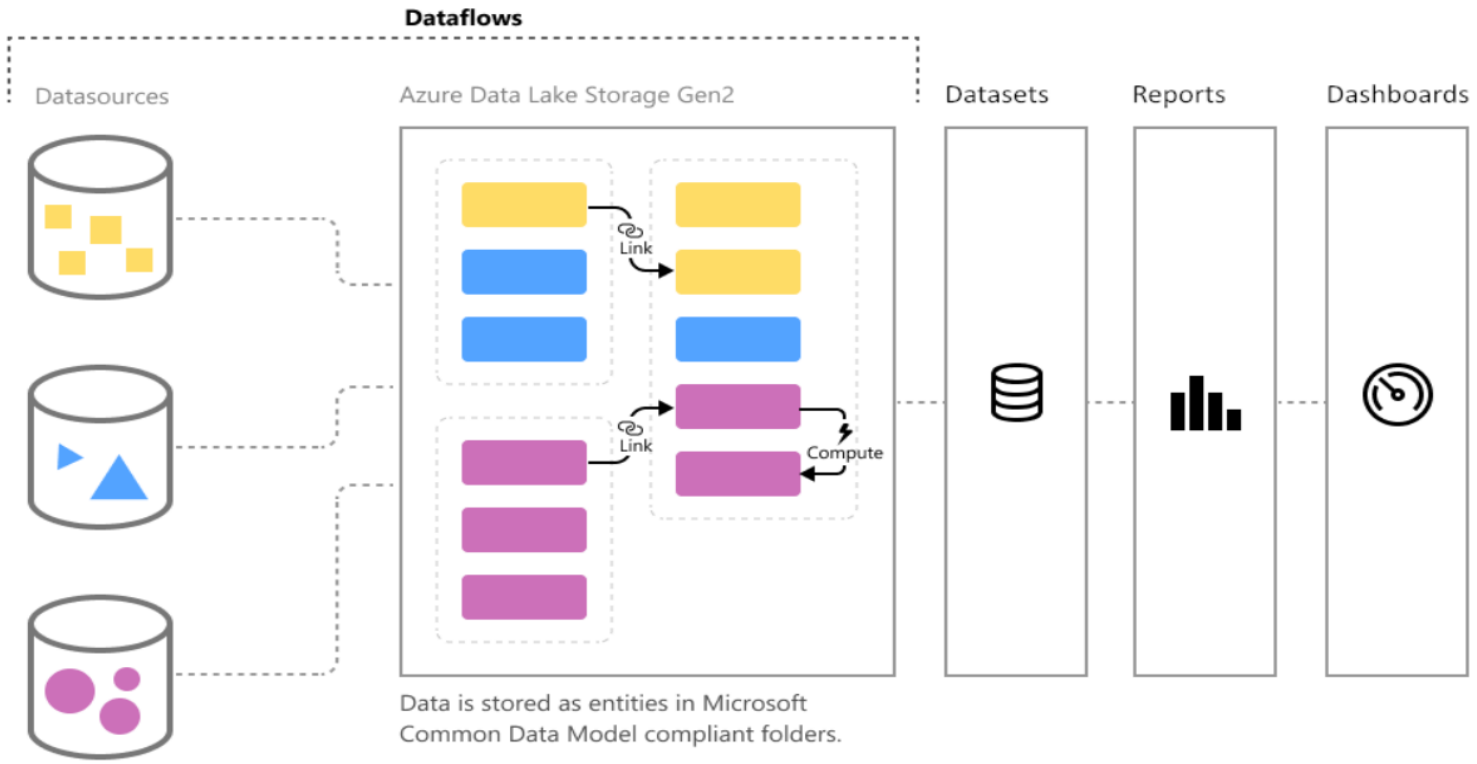
PowerBI.com – Service demo

- About Power BI ✓
- Connecting to data ✓
- Transforming / modelling ✓
- Creating visuals ✓
- Publish and sharing ←
- Insights and AI

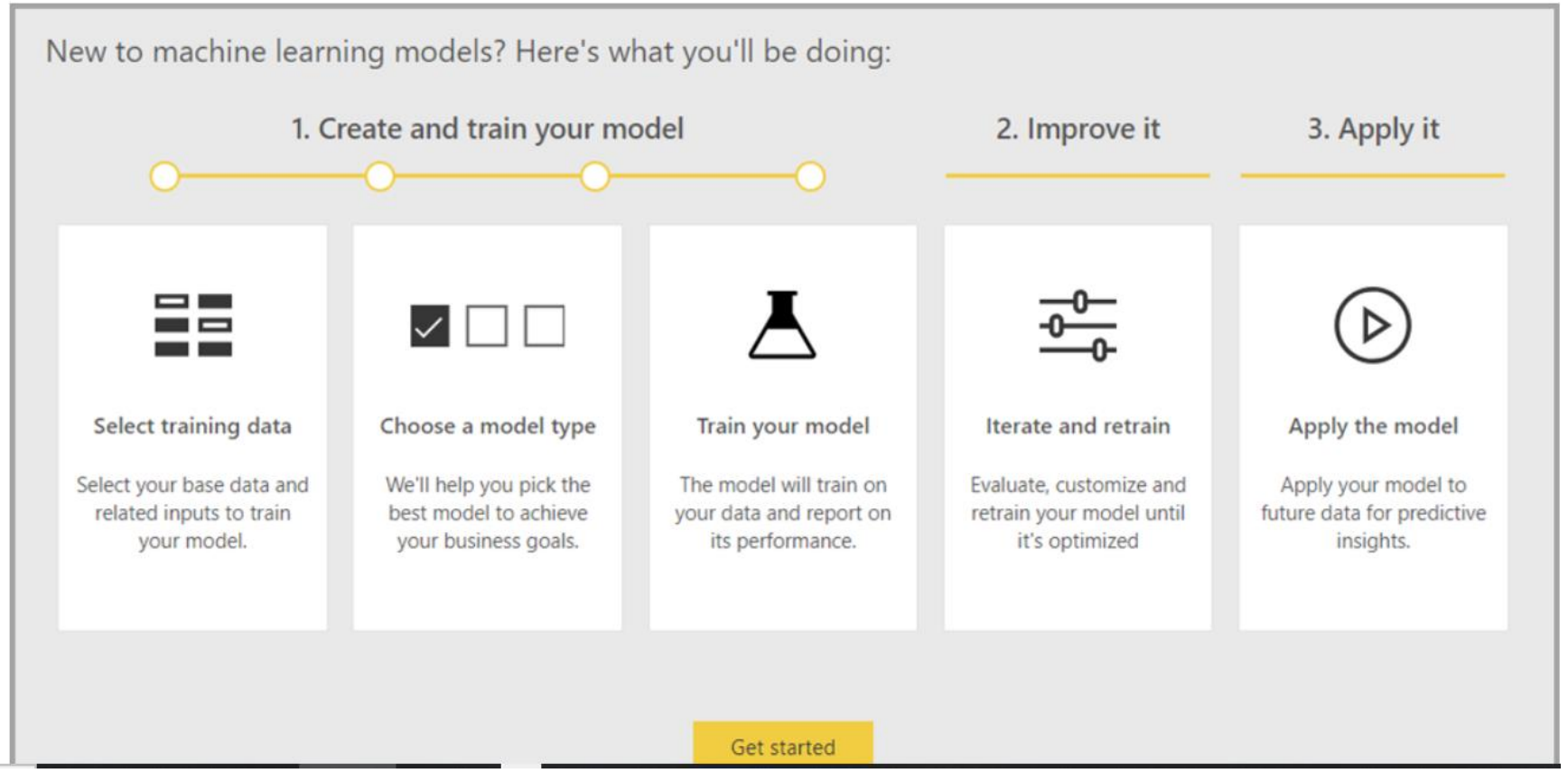
Power BI – Insights demo

- About Power BI ✓
- Connecting to data ✓
- Transforming / modelling ✓
- Creating visuals ✓
- Publish and sharing ✓
- Insights and AI ←

Power BI – Data flow (premium)



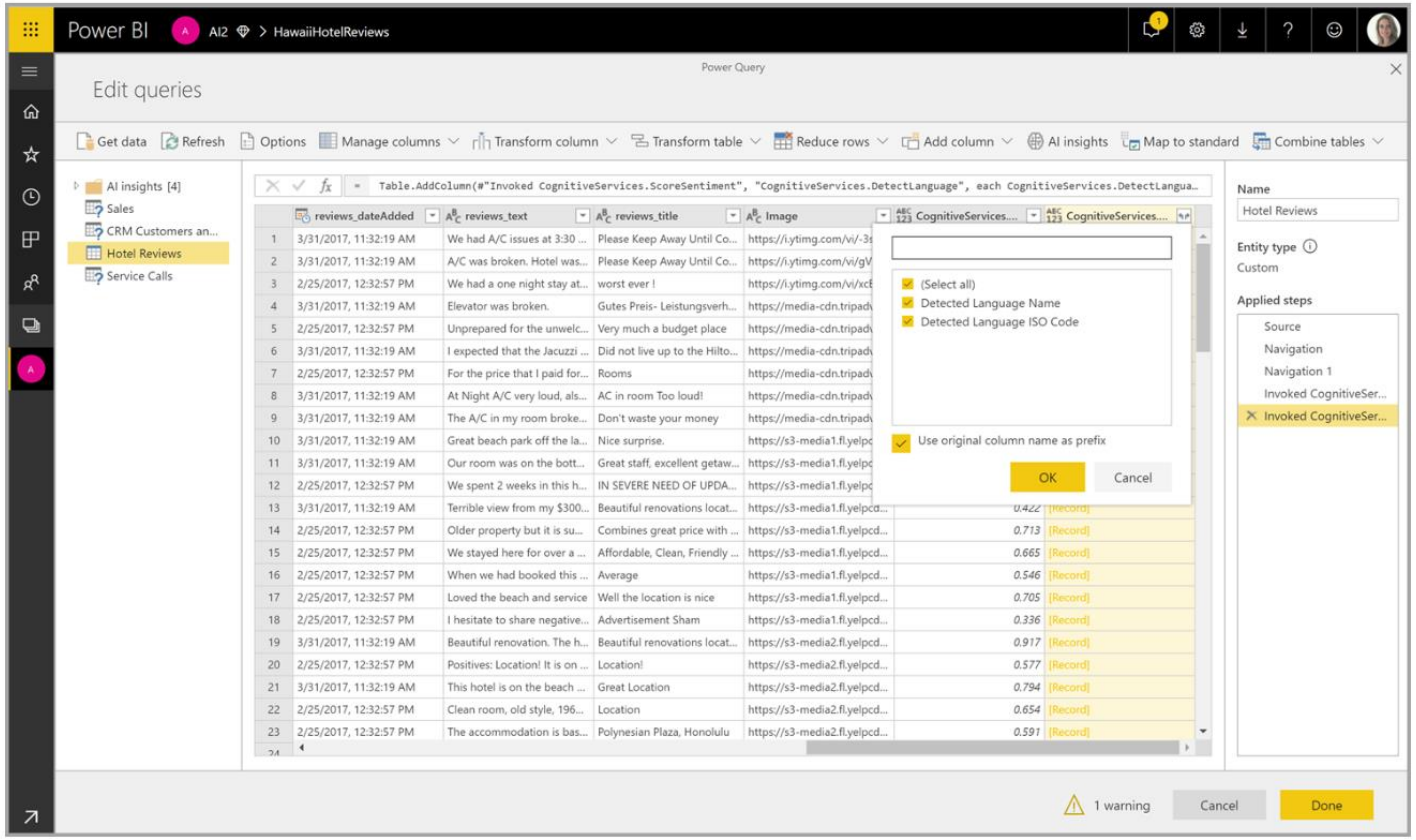
Power BI – Auto ML (premium)



Power BI – Cognitive Services

Azure Cognitive Services

- Sentiment Analysis
- Key Phrase Extraction
- Language Detection
- Image Tagging



#EmPowerYourCareer

Q&A

References –

- Power BI documentation
  https://docs.microsoft.com/en-us/power-bi/
- Power BI learning
  https://powerbi.microsoft.com/en-us/learning/

Please fill out the survey!

#EmPowerYourCareer

EmPower Your Career

Conference

April 3rd to 5th

365 SATURDAY

Thank You for Attending