



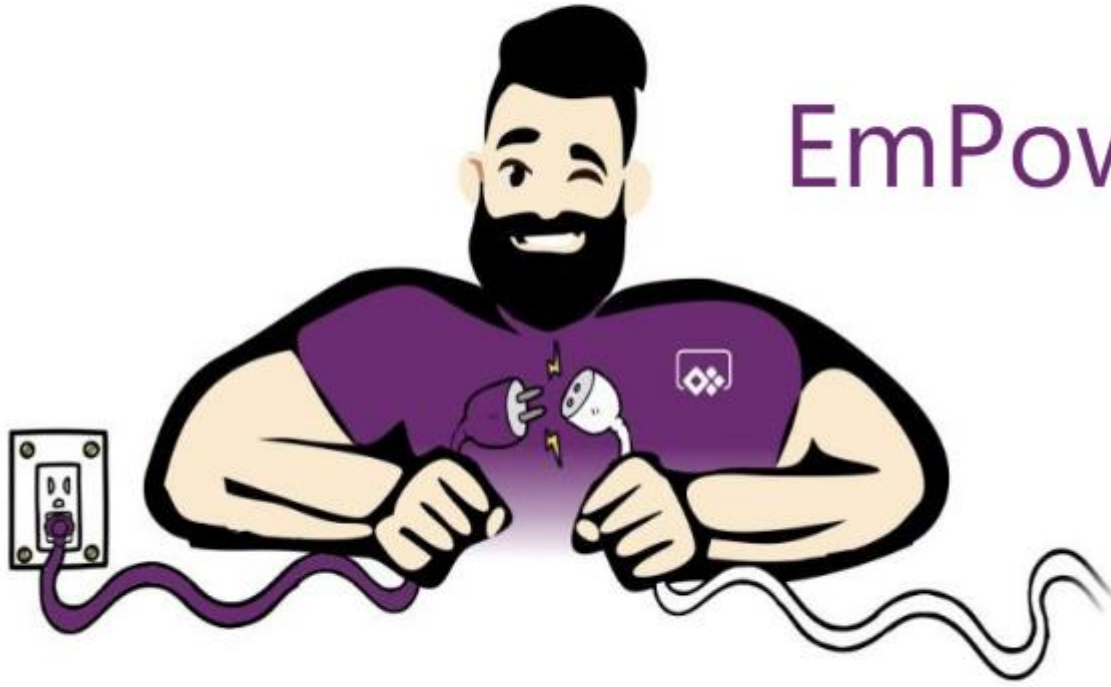
# EmPower Your Career

## 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  
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**Be wiser than your neighbor with AI Builder!**

**Éric Sauvé @ZePowerDiver**



#MorePowerLessTrouble

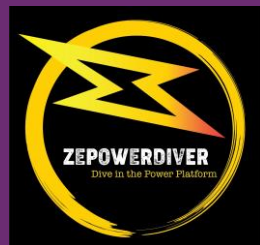
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# Don't forget to wash your hands!

** ric Sauv **



- **Passionate about the Power Platform, active contributor within the Business Apps community, can be found under the @ZePowerDiver alias**
- **Solutions Architect D365 CE & PowerApps**
- **XRM Vision since 2015**
- **Canadian Leader for TDGi community (Global Hackathon)**
- **Power Platform Happy Hour – Montr al founder**
- **xRM Montr al Meetup - organizer**
- **Diver, grandfather, motorcyclist**



# Session Objectives

- Understand what is AI Builder
- What are the types of models
- How to integrate / use AI Builder



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# AI Builder



What about it?



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# Microsoft Power Platform

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

**Analyze. Act. Automate. Assist.**



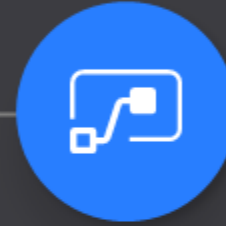
**Power BI**

Business analytics



**Power Apps**

Application development



**Power Automate**

Workflow automation



**Power Virtual Agents**

Intelligent virtual agents



**Data  
connectors**



**AI Builder**



**Common  
Data Service**



**\* Important notice:**

This is NOT an official Microsoft slide  
It's my own interpretation of the changes and  
based on the "buzz" and shared pictures  
coming from MS Ignite  
[zepowerdiver.com](http://zepowerdiver.com)

# 2 types of models

## Custom models

- ⚡ Historical data
- ⚡ Training
- ⚡ Based on / Updates CDS



## Prebuilt models

- ⚡ Components or actions
- ⚡ Ready to be used right away
- ⚡ Built on industry/Microsoft “Intelligence”



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# 2 types of models

## Custom models

- ⚡ Prediction
  - ⚡ Predicts whether something will happen
- ⚡ Form Processing
  - ⚡ Read and save information from standard documents
- ⚡ Object Detection
  - ⚡ Recognize and count things in images
- ⚡ Text Classification
  - ⚡ Categorize text by meaning so it's easier to analyze

## Prebuilt models

- ⚡ Business Card Reader
  - ⚡ Automatically process business card information
- ⚡ Sentiment Analysis
  - ⚡ Detect positive/negative sentiment in text
- ⚡ Key Phrase Extraction
  - ⚡ Extract the key talking points from text
- ⚡ Language Detection
  - ⚡ Identify the language being used in text
- ⚡ Text Recognition
  - ⚡ Automatically process text from images
- ⚡ Entity Extraction
  - ⚡ Extract entities and their types from text

**DEMO**



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# AI Builder



Integration



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# 3 types of integration / usage

## Power Automate (Flow)

- ⚡ Within a solution
- ⚡ No triggers
- ⚡ Use the predict Action (CDS)

## Power Apps

- ⚡ Canvas App Components
  - ⚡ Business Card Reader
  - ⚡ Form Processor
  - ⚡ Object Detector
  - ⚡ Text Recognizer
- ⚡ Model-Driven Components
  - ⚡ Business Card Reader

## Common Data Service (CDS)

- ⚡ New fields
  - ⚡ Text Classification
    - ⚡ *entityname\_results*
- ⚡ New fields
  - ⚡ Prediction
    - ⚡ Predicted
    - ⚡ Probability
    - ⚡ Explanation

**DEMO**



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# Topics Covered

- Understand what is AI Builder
- What are the types of models
- How to integrate / use AI Builder



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# References

- <https://docs.microsoft.com/en-us/ai-builder/overview>
- <https://docs.microsoft.com/en-us/learn/modules/get-started-with-ai-builder/>
- <https://empower.powerappsportals.com/>
- <http://bit.ly/AIBuilderWW>
- <https://www.zepowerdiver.com>



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**Q&A**



# Please fill out the survey!



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**Thank You for Attending**