



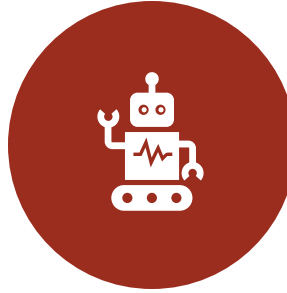
Neutral



The Experiment: Train Your AI Dog

Olena Grischenko

Objectives



EXPLORE AI WITH POWER
APPS



LEARN HOW TO RUN
EXPERIMENTS WITH POWER
APPS



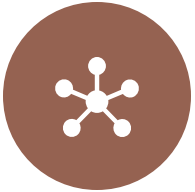
LEARN ABOUT FACE API



WHY YOU SHOULD
MAKE USELESS THINGS?



POWER PLATFORM FOR
YOUR LEARNING AND
RESEARCH PROJECT



CONNECTING
TECHNOLOGIES



DESIGN AND
BUILD YOUR AI DOG APP



DEMO



QUESTIONS

Agenda

Learning via building



EXPERIMENTS



WORK OR STUDY
PROJECTS



COMMUNITY
PROJECTS



something
happened



TED



Why you should make useless things | Simone Giertz

Creativity Mode ON

"It turns off that voice in your head that tells you that you know exactly how the world works. Maybe a toothbrush helmet isn't the answer, but at least you're asking the question."



How long does it take you to try a new idea?

Development —
does it have to be
so complicated?



Why Power Platform?

- ❑ Easier and cheaper development
- ❑ Fail Fast
- ❑ Easy way to connect technologies

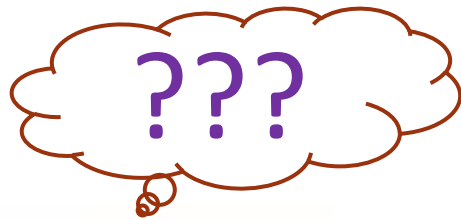
Power Platform: Act, Automate, Measure, Assist



The trigger: dogs can recognise their owner's emotions



The idea: an artificial dog can recognise emotions using AI

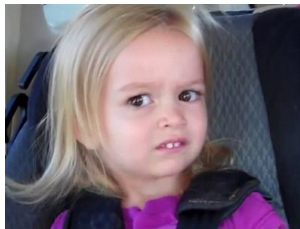
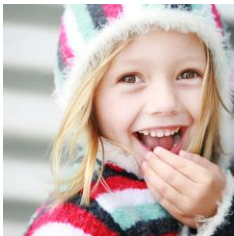


Neutral

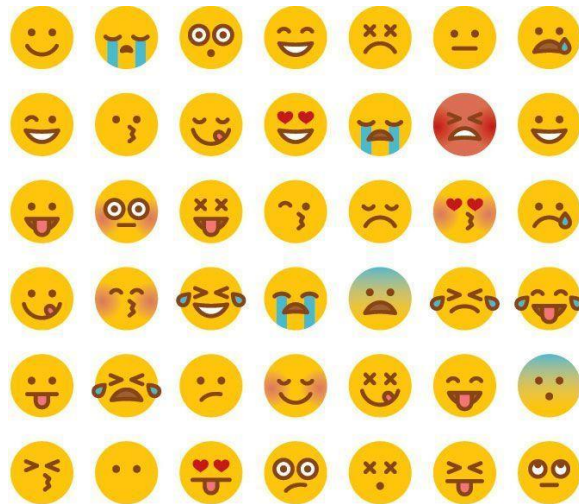


AI Dog prototype

1. "See"



2. "Recognise"



3. "React"



Happy



Confused

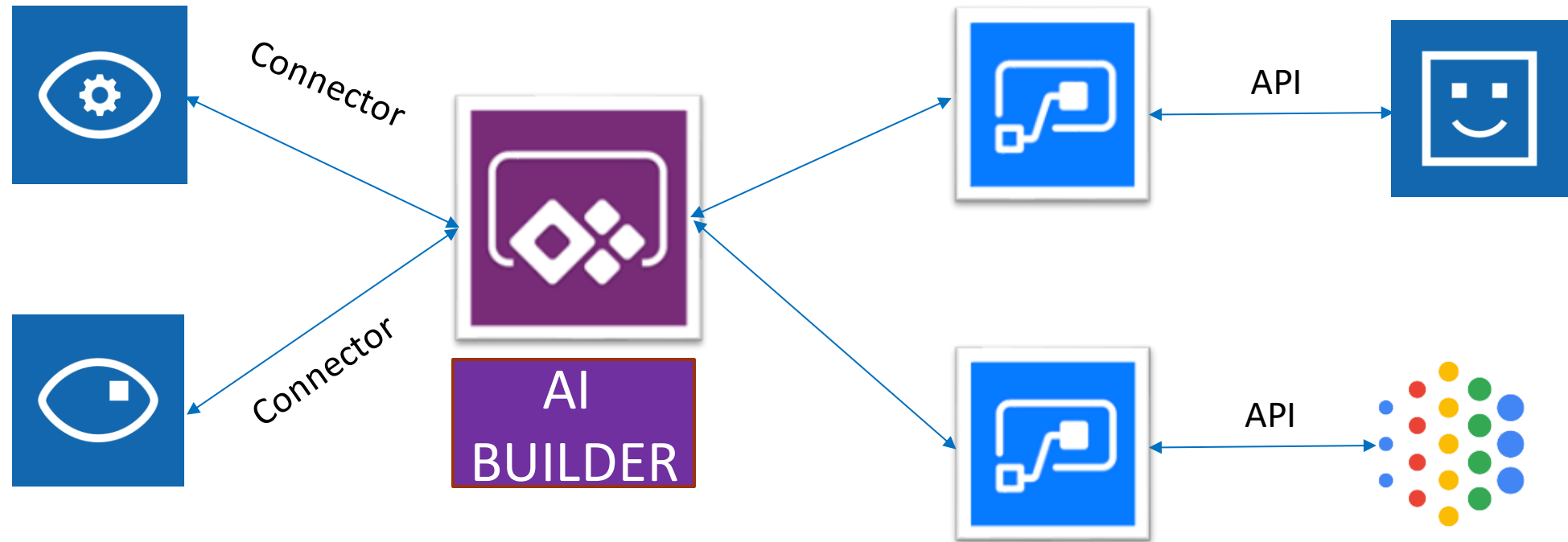


Neutral



Scared

AI in Power Apps



Power Apps with Face API via Power Automate



DEMO



Ask your question



Helpful links and materials

Power Platform: <https://powerplatform.microsoft.com/en-au/>

AI Builder for Power Apps: <https://powerapps.microsoft.com/en-us/ai-builder/>

Azure Cognitive Services: <https://azure.microsoft.com/en-au/services/cognitive-services/>

Face API: <https://azure.microsoft.com/en-au/services/cognitive-services/face/>

Power Automate (ex-Flow): <https://flow.microsoft.com/en-us/>

Meetup #PowerLabs: <https://www.meetup.com/PowerLabs/>

Microsoft hands-on labs: <https://www.microsoft.com/handsonlabs/selfpacedlabs>

#PowerLabs – technology from scratch



<https://www.meetup.com/PowerLabs>

Olena Grischenko



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<https://msolenacrm.blog/>



<https://www.youtube.com/channel/UCQQXdJrZgJkc3Bn-6fYFCRg/>