

Getting Started

PowerPoint DECK

In a totally customizable deck, we present the main aspects of Microsoft AI Strategy, our commitment to Ethics in AI, Azure AI platform layer cake, some success cases and reference architectures. This may be useful to engage your customer in an AI practice with you.

To envision the capabilities of Microsoft AI, we also deliver 3 types of demonstrations.

1. MICROSOFT AI INTEGRATED TO MICROSOFT 365

Realtime subtitles for PowerPoint

Through an integration to our Microsoft Speech to text and Translation Cognitive services Microsoft PowerPoint can create an AI experience while integrating real time subtitles and translation.

These instructions will get you install a Translation Add-in for PowerPoint and start your session with a real time subtitle experience.

System Requirements

Supported Operating System

Windows 10 , Windows 8, Windows 8 Enterprise, Windows 8 Pro, Windows 8.1

(Recommended) Windows 10 or newer (x86 and x64)

Windows 8.1 (x86 and x64)

Windows 8 (x86 and x64)

Windows Server 2012 (x64) - all editions

Prerequisites

Microsoft Office:

(Recommended) Microsoft Office 365

Microsoft Office 2016

Microsoft Office 2013

Microsoft Office PowerPoint 2016

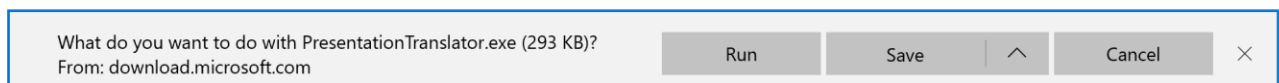
Microsoft Office PowerPoint 2013

Installing

1. Download **Presentation Translator** from <https://www.microsoft.com/en-us/garage/profiles/presentation-translator/>

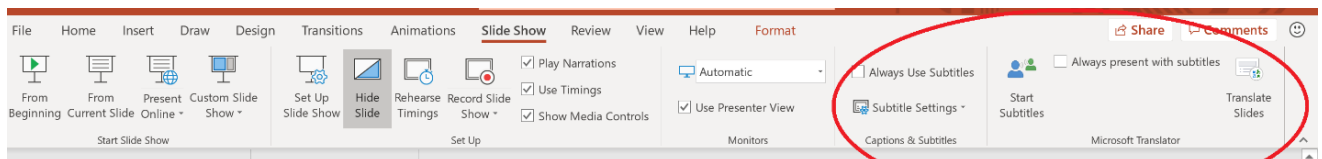


2. Run the application on your machine

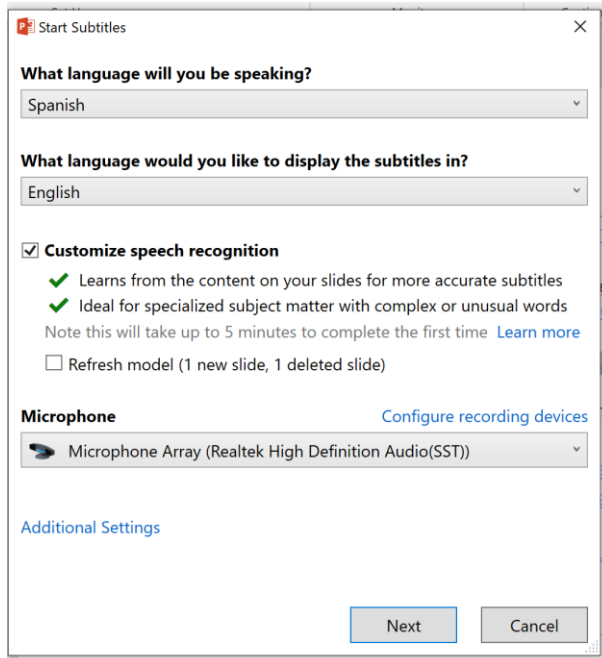


How to use

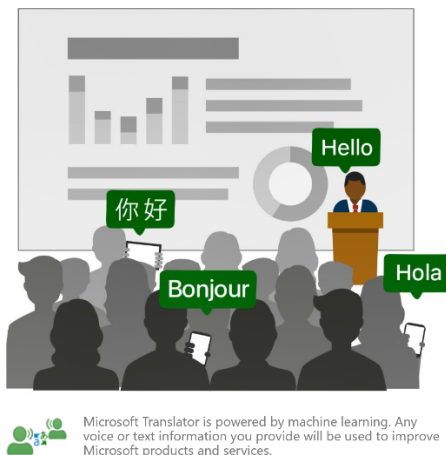
1. Once you have installed **Presentation Translator Add-in for PowerPoint** you will find the options for adding subtitles to the presentation or translate all the slides to a different language in the **Slide Show Menu**



2. **Start Subtitles Option** launches a configuration window where it is possible to select the languages. This configuration may take some minutes.



3. When it is ready to use the deck will have a new slide with a QR code that can be scanned in Microsoft translator app to join a conference in the language you choose.



Verfolgen Sie diese Präsentation
in Ihrer Sprache, auf der
Microsoft Translator-App oder
einem beliebigen anderen Web-
Browser.

www.translate.it/YJGRZ



2. PRE-BUILT AI DEMONSTRATION

Microsoft AI intelligent Kiosk

Microsoft Cognitive Services demonstrations App

Here you will find several end-to-end experiences showcasing the power of Microsoft AI. From face identification, emotion understanding and computer vision, to bots, text analytics and Bing services, the kiosk is your toolbox of AI

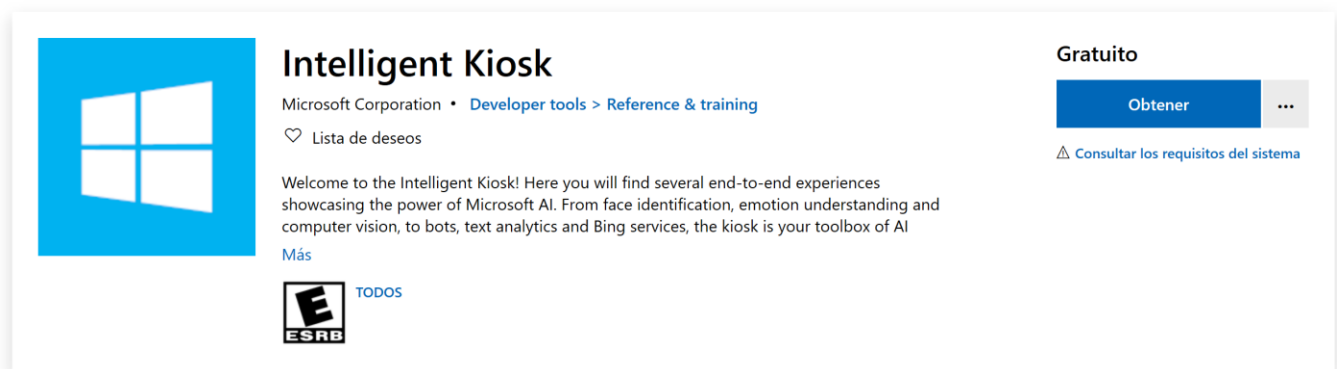
System Requirements

Supported Operating System

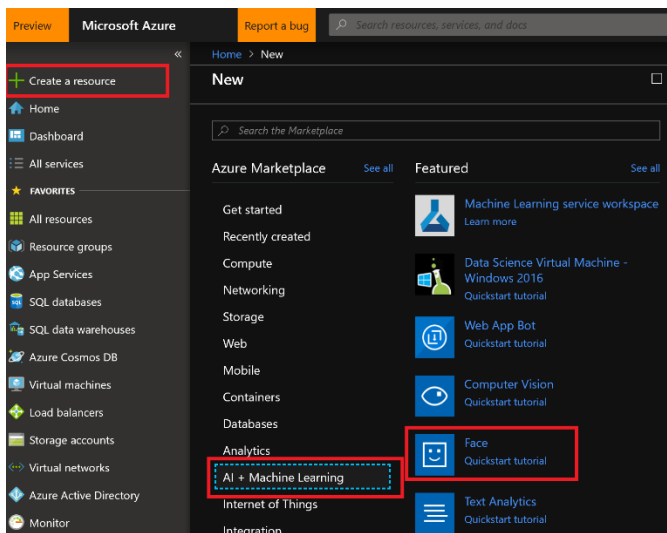
SO Windows 10 version 17763.0 o latest, Xbox One

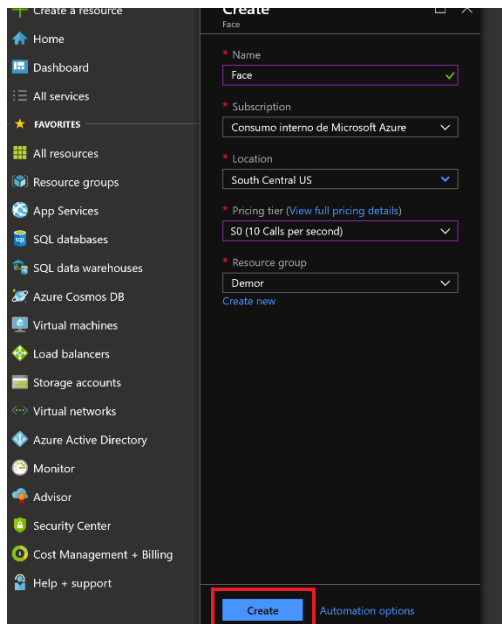
Installing and configuring

1. Get Microsoft Intelligent Kiosk from aka.ms/intelligentkioskapp.

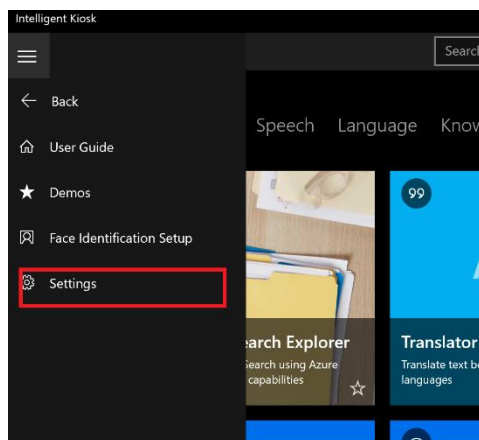


2. In order use the demos, keys from cognitive services are needed. In **Azure Portal**, create **Face Cognitive service**.

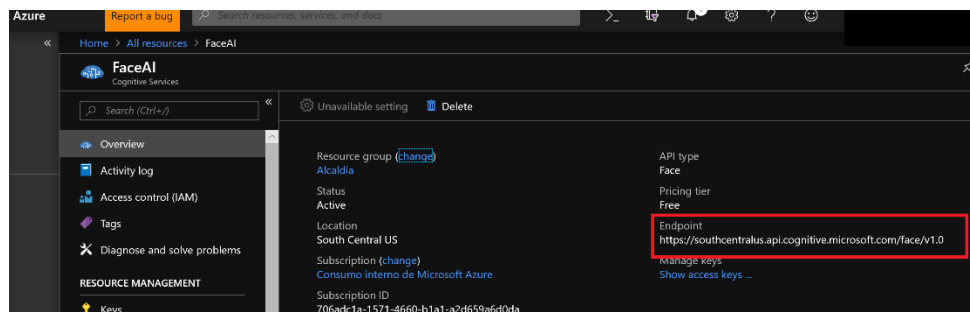




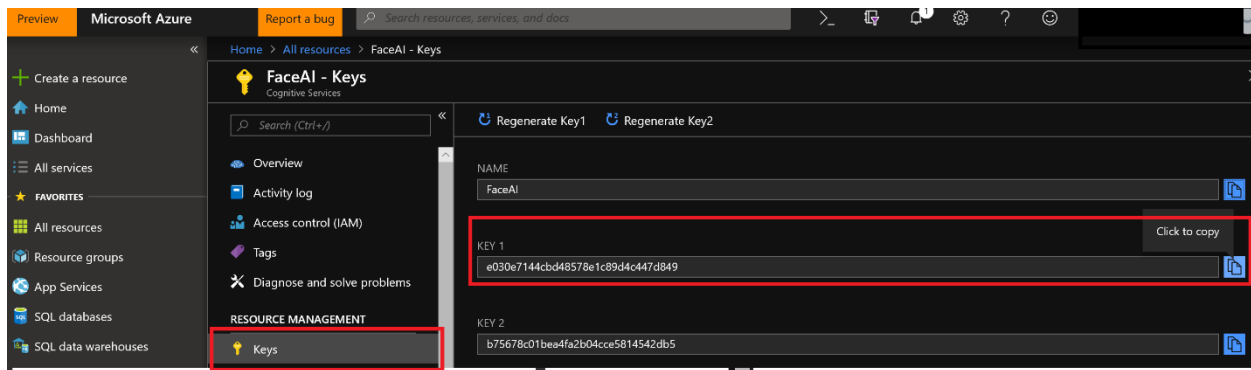
3. Back in **Microsoft kiosk App**, go to **Settings** menu to use the keys for the Face Cognitive service demonstrations.



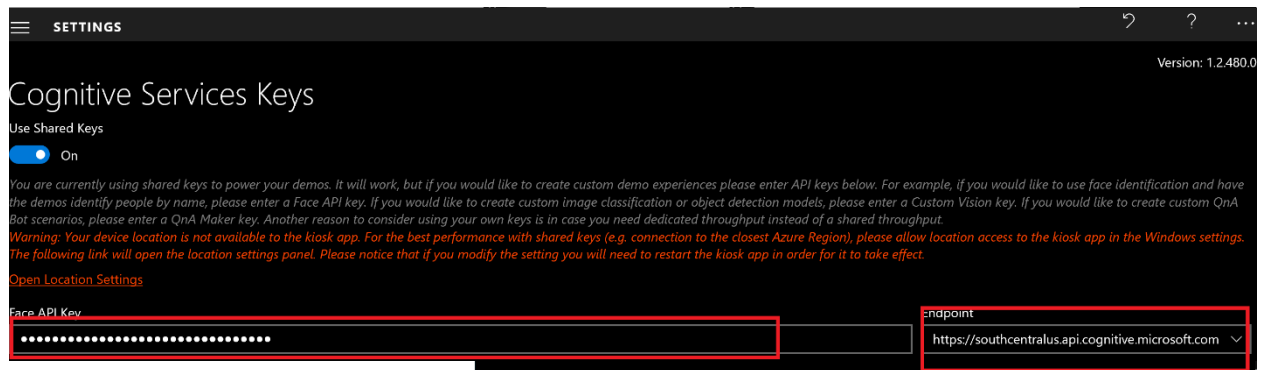
4. In **Azure portal** from the Face menu
 - Identify the endpoint



- Copy the key for Face Cognitive Service



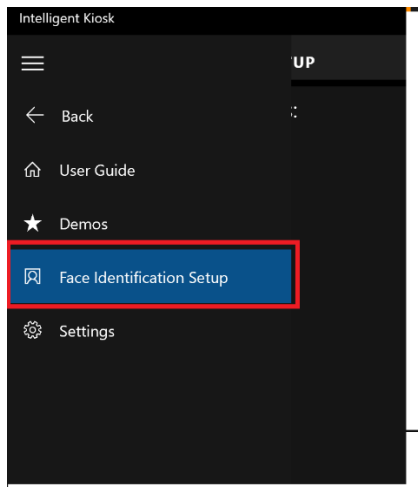
5. Paste it on the **Face API** key Box in **Microsoft Intelligent Kiosk** and select the **endpoint**



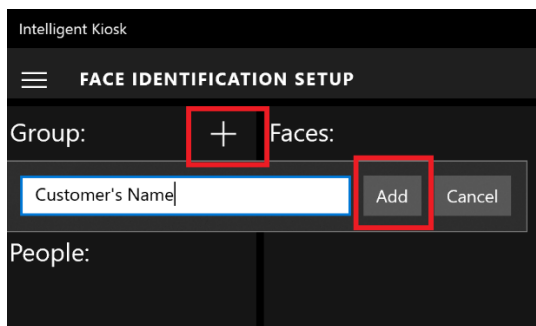
Notes.

- You can validate the connection to a service by running the **Run validation test** button.
- You must follow the same process to use Custom Vision Service.
- If you want to configure Q&A maker and Knowledge search use the same process.
- **Microsoft Intelligent Kiosk** is currently using shared keys to power your demos. It will work, but if you would like to create custom demo experiences please enter API keys below. For example, if you would like to use face identification and have the demos identify people by name, please enter a Face API key. If you would like to create custom image classification or object detection models, please enter a Custom Vision key. If you would like to create custom QnA Bot scenarios, please enter a QnA Maker key. Another reason to consider using your own keys is in case you need dedicated throughput instead of a shared throughput.

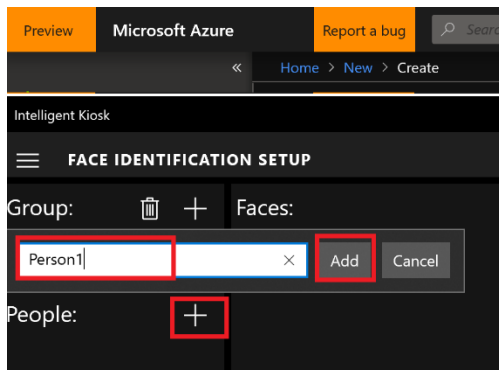
6. In **Microsoft Intelligent Kiosk Menu**, choose **Face Identification Setup**.



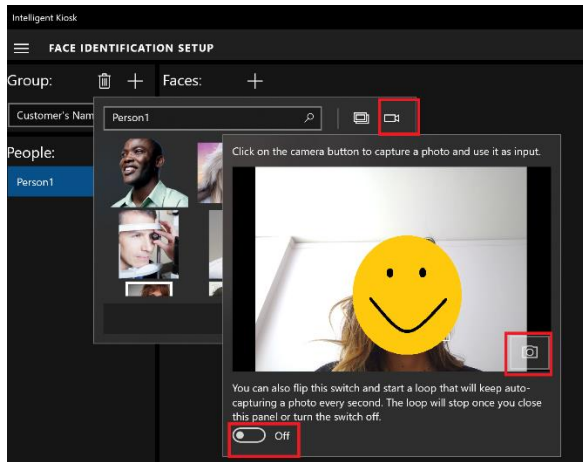
7. Add a new group and name it with your customer's name for example.



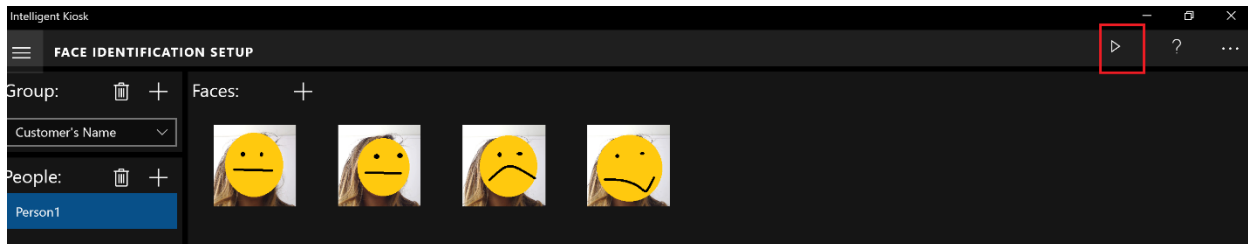
8. Add a person to the group using the addition sign next to people title, write the name of the person and click add.



9. To train the model, the app requires some pictures, you can take them using your camera, activating the switch for auto-capture or uploading them from your PC.



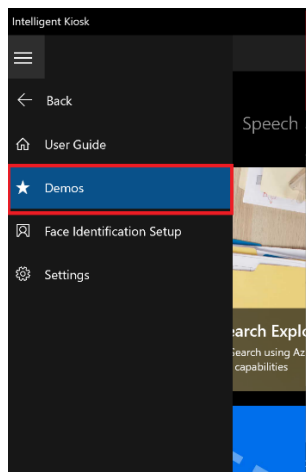
10. Once the pictures are taken and processed, face recognition capacity can be trained for this new person by playing the play button



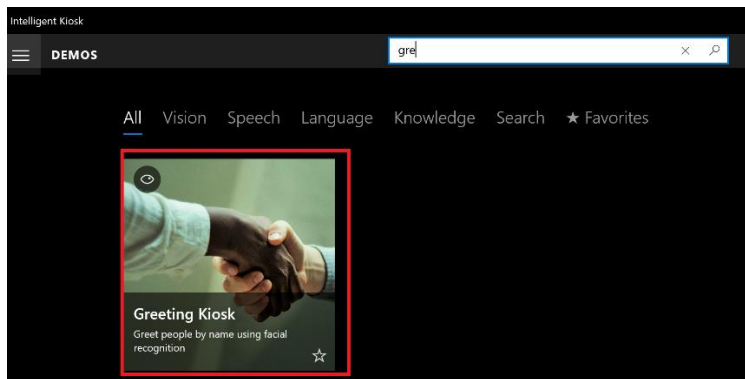
You know training has finished because the processing sign disappear.

How to use

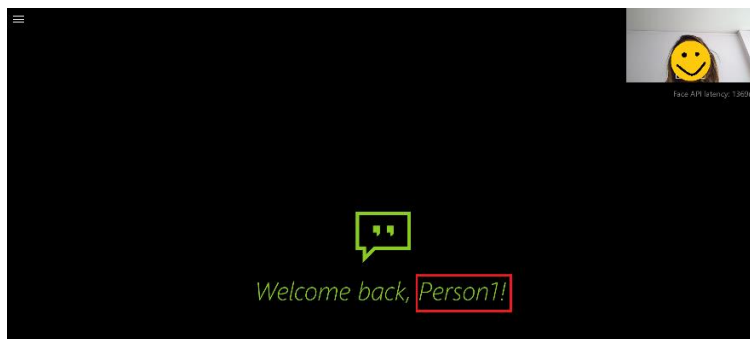
1. In **Microsoft Intelligent Kiosk** Menu select **Demos**



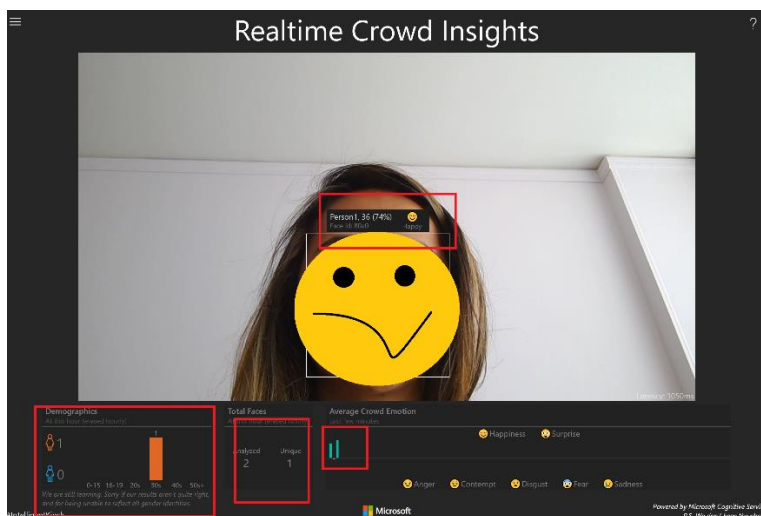
2. Search for **Greeting Kiosk** demos



3. As soon as it opens it can identify the person you just trained.



4. In **Demos** search for **Realtime Crowd Insights**, it can identify the person you just trained, his/hers estimated age, gender and emotions during the whole time the app recognizes each distinct face.



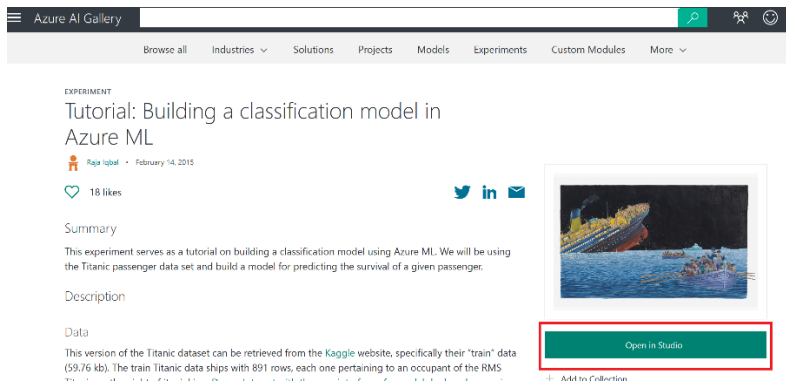
3. CUSTOM AI DEMONSTRATION

Titanic Survival Predictor in Azure Machine Learning Studio

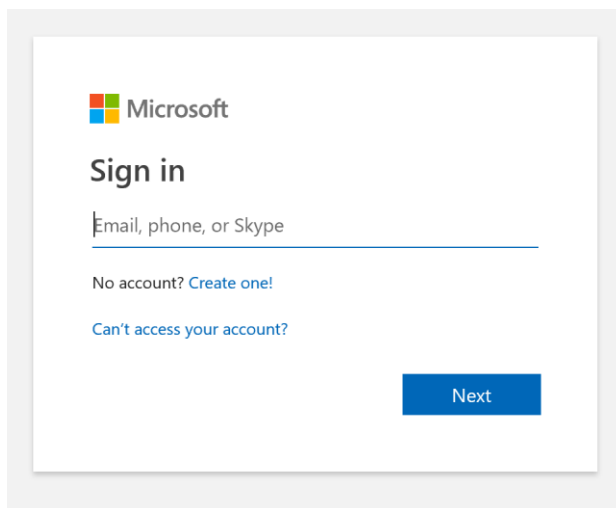
This experiment serves as a tutorial on building a classification model using Azure ML. We will be using the Titanic passenger data set and build a model for predicting the survival of a given passenger.

How to use

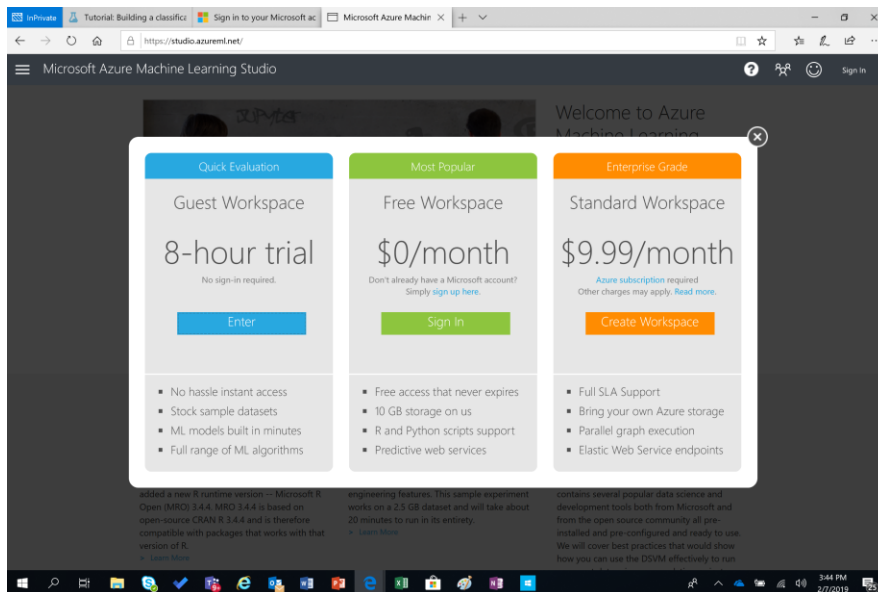
1. Go to <https://gallery.azure.ai/Experiment/Tutorial-Building-a-classification-model-in-Azure-ML-18>



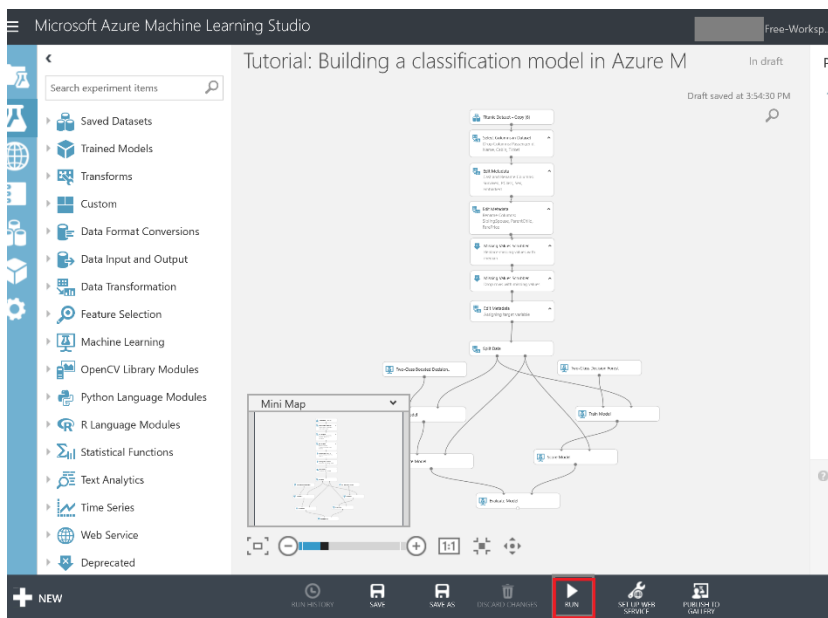
2. Sign in with a Microsoft account



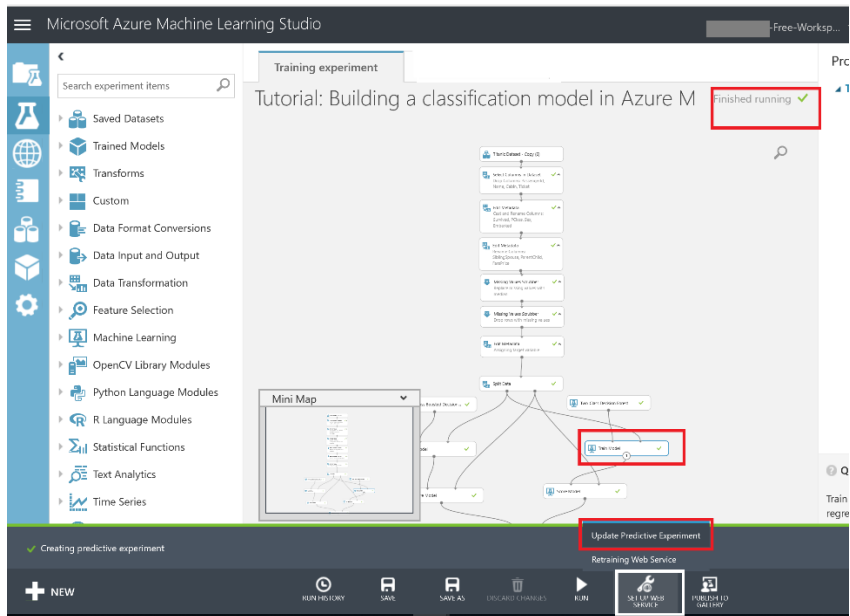
3. Select Free Workspace



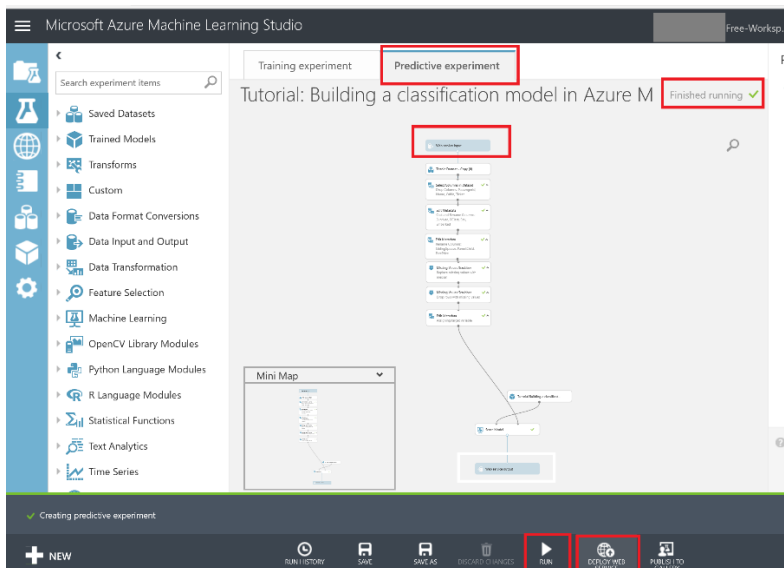
4. You will be taken to your **Azure Machine Learning Studio workspace** where the model was developed, by clicking the play button you run the model



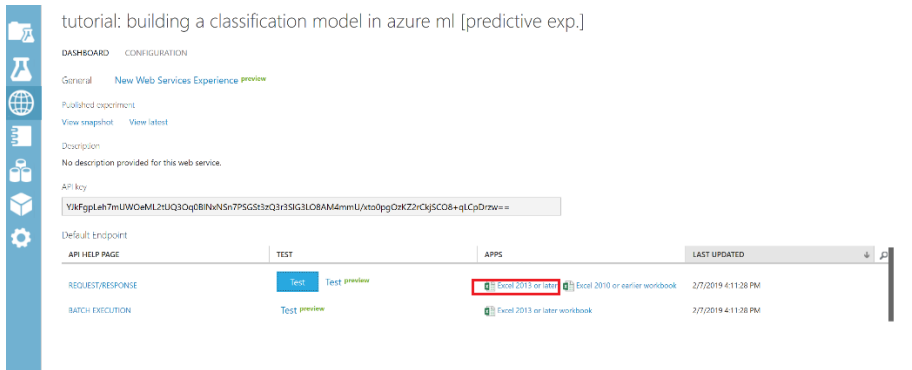
- Once the training of the model has finished. Select the **Train Model** box and click **SET UP WEB SERVICE** Icon



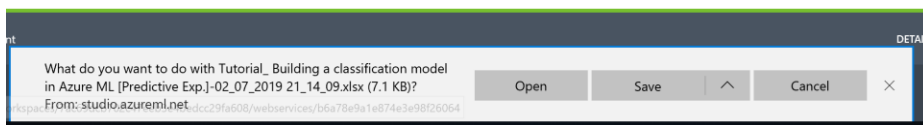
- A new tab called **Predictive Experiment** is created. Here you need to execute the model again by clicking the play button. After the model has finishing running you need to click in the **DEPLOY WEB SERVICE OPTION** to create a Web Service for the model.



5. When the deployment is complete you can see the **API Key** of the model and two options for testing. Select **Excel 2013 or later** from the **REQUEST/RESPONSE** option, and confirm you want sample data in the next window.



6. Open the excel file



7. In **Excel** enable edition so you can see the web service. Inside the web service menu you have to:

- 1. Click on **Use sample data**
- 2. Set the input data to the data you just created
- 3. And write the output starting in M1.

Then click on the Predict Button.

The screenshot shows the Azure Machine Learning web interface. On the left, an Excel spreadsheet is open with a table of passenger data. On the right, the 'Predict' step is configured. The 'Input' field is set to 'Sheet1\$A\$1:\$L\$6' and the 'Output' field is set to 'M1'. The 'Predict' button is highlighted with a red box.

8. The scored labels and scored probabilities are written in columns u and v.

	U	V	W
ml	Scored Labels	Scored Probabilities	
	0	0	
	1	1	
	1	0.875	
	1	1	
	0	0.291666667	