Instructions

These instructions are intended to help the reader access the experiments created in Machine Learning Studio and make predictions. Both experiments are stored on the Azure cloud in Azure AI Gallery.

The experiments are accessible on the following links:

- Training experiment: https://gallery.azure.ai/Experiment/Num-calls-training-exp
- Predictive experiment: *https://gallery.cortanaintelligence.com/Experiment/Num-calls-prediction-Predictive-Exp*
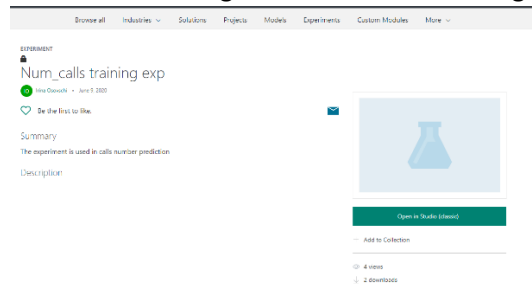
Requirements:

Create an account on Microsoft Azure Machine Learning. A free account for 12 months can be created by following these instructions: https://azure.microsoft.com/en-us/free/machine-learning/search/?&ef_id=EAIaIQobChMIuvm3_ZL46QIVi-R3Ch0dVw_HEAAYASAAEgJM5PD_BwE:G:s&OCID=AID2000594_SEM_EAIaIQobChMIuvm3_ZL46QIVi-R3Ch0dVw_HEAAYASAAEgJM5PD_BwE:G:s&dclid=CNesjf-S-OkCFQsc4AodygsFmA

HD Scenario

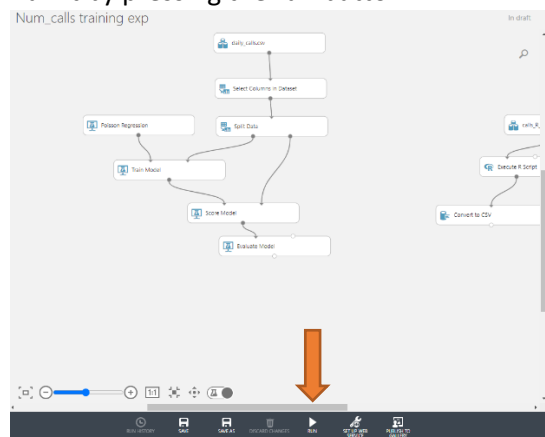1. Access the link to the training experiment

   1.1 After accessing the link there will be a green button "Open in Studio(classic}". Press it.

2. Machine Learning Studio opens and asks for copy permission. Agree.
3. Now the training experiment is in your workspace.
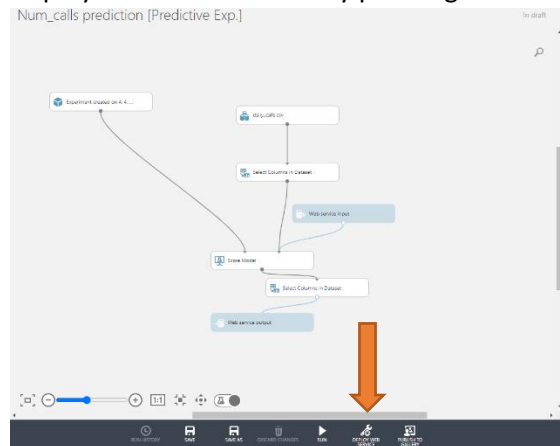4. Run it by pressing the run button

5. Access the link to the predictive experiment

   5.1 After accessing the link there will be a green button "Open in Studio(classic)". Press it.
6. Machine Learning Studio opens and asks for copy permission. Agree.

7. Now the predictive experiment is in your workspace
8. Run it by pressing the run button
9. Deploy it as a web service by pressing the button "Deploy web service"

10. Open the Web Services route

11. Open the recently created web service
12. Start testing by pressing test

13. Fill in the parameters (required are Date, Days_Since_release_Cap, Day_Cat) and send the request

14. The result comes in JSON format and can be seen at the bottom of the page

15. Look in for the number of employees in the optimization table

num_calls	q	num_calls	q	num_calls	q	num_calls	q	num_calls	q
1	1	28	3	55	4	82	5	109	6
2	1	29	3	56	4	83	5	110	6
3	1	30	3	57	4	84	5	111	6
4	1	31	3	58	4	85	5	112	6
5	2	32	3	59	4	86	5	113	6
6	2	33	3	60	4	87	5	114	6
7	2	34	3	61	4	88	5	115	6
8	2	35	3	62	4	89	5	116	6
9	2	36	3	63	4	90	5	117	6
10	2	37	3	64	4	91	5	118	6

Input columns

Name	Type	Description	Allowed values
date	Object	Date	Format: YYYY-MM-DDT00:00:00
num_calls	Numeric	Number of calls	Leave default 0
days_since_release_cap	Numeric	Days since release	0,1….,20
day_cat	String	Day category	One of: *Working days w/o Friday* *Friday* *Weekend / Holiday*

Detailed Request Response API Documentation for the experiment can be accessed by pressing RQUEST/RESPONSE:

DASHBOARD   CONFIGURATION

General   New Web Services Experience preview

Published experiment
View snapshot   View latest

Description
No description provided for this web service.

API key
XKYZkC190LNPPDZ0KyNk380uJvm8D/xzfo+A60jihVHFbAPgawHSaPGb5jqciVZnhoO5Y0T6Oqf0ZLDBZmKkeg==

Default Endpoint

API HELP PAGE	TEST	APPS	LAST UPDATED	
REQUEST/RESPONSE	Test Test preview	Excel 2013 or later | Excel 2010 or earlier workbook	5/2/2020 8:48:57 PM	
BATCH EXECUTION	Test preview	Excel 2013 or later workbook	5/2/2020 8:48:57 PM	