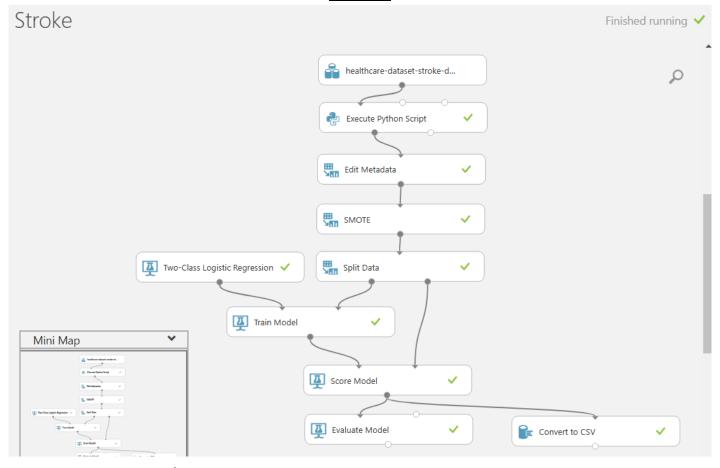
วิธีการทำ



- 1. อัปโหลด dataset ชื่อว่า healthcare-dataset-stroke-data Copy
- 2. Execute Python Script ใส่โค้ด :

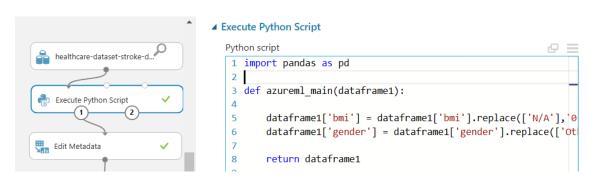
import pandas as pd

def azureml main(dataframe1):

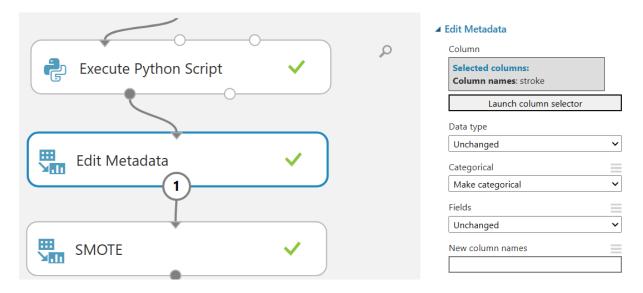
dataframe1['bmi'] = dataframe1['bmi'].replace(['N/A'],'0')

dataframe1['gender'] = dataframe1['gender'].replace(['Other'],'Male')

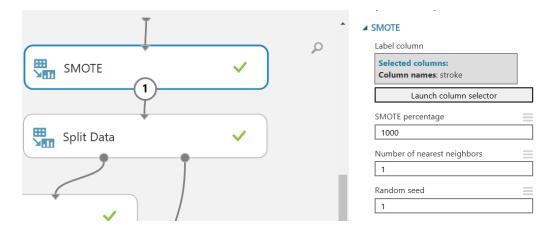
return dataframe1



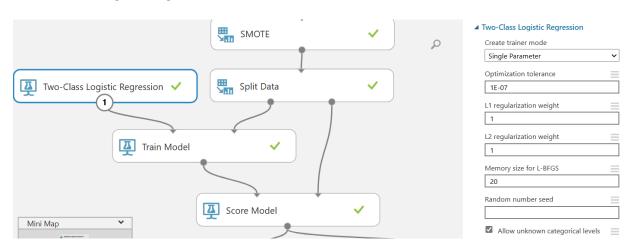
3. Edit Metadata:



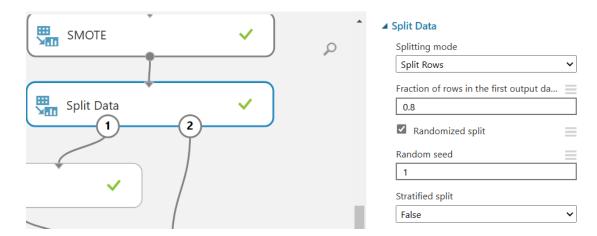
4. SMOTE:



5. Two-Class Logistic Regression:



6. Split Data :



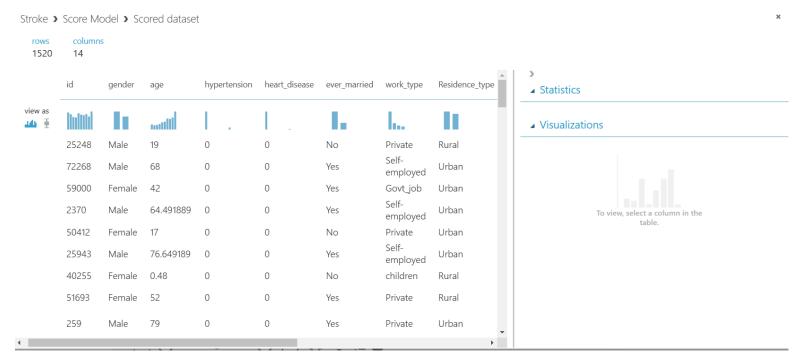
7. Train Model:

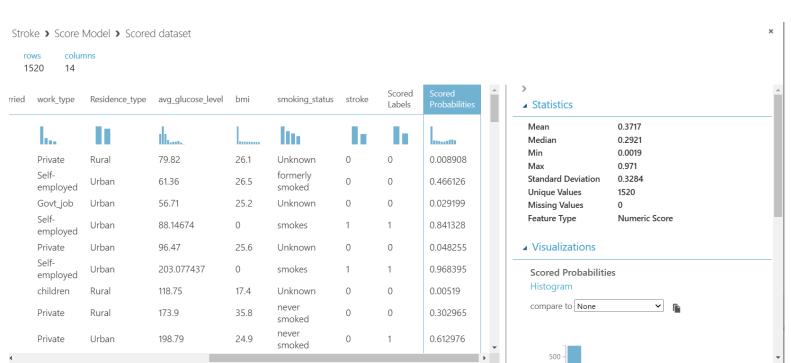


- 8. Score Model
- 9. Evaluate Model
- 10. Convert to CSV

ผลลัพธ์

Score Model

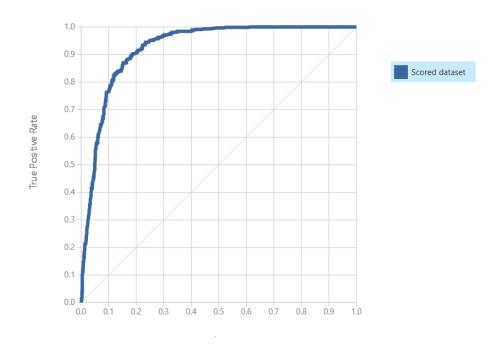


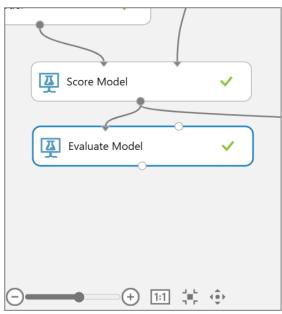


Evaluate Model

Stroke > Evaluate Model > Evaluation results

ROC PRECISION/RECALL LIFT





Stroke > Evaluate Model > Evaluation results

True Positive 457	False Negative	Accuracy 0.859	Precision 0.796	Threshold 0.5	AUC 0.924
False Positive	True Negative 848	Recall 0.823	F1 Score 0.810		
Positive Label	Negative Label				

Score Bin	Positive Examples	Negative Examples	Fraction Above Threshold	Accuracy	F1 Score	Precision	Recall	Negative Precision	Negative Recall	Cumulative AUC
(0.900,1.000]	74	8	0.054	0.678	0.232	0.902	0.133	0.666	0.992	0.001
(0.800,0.900]	132	24	0.157	0.749	0.520	0.866	0.371	0.728	0.967	0.007
(0.700,0.800]	113	21	0.245	0.810	0.688	0.858	0.575	0.794	0.945	0.017
(0.600,0.700]	82	32	0.320	0.843	0.770	0.825	0.723	0.851	0.912	0.038
(0.500,0.600]	56	32	0.378	0.859	0.810	0.796	0.823	0.896	0.879	0.064
(0.400,0.500]	32	46	0.429	0.849	0.810	0.750	0.881	0.924	0.831	0.105
(0.300,0.400]	35	67	0.496	0.828	0.801	0.695	0.944	0.960	0.762	0.168
(0.200,0.300]	19	90	0.568	0.782	0.766	0.629	0.978	0.982	0.668	0.257
(0.100,0.200]	8	111	0.646	0.714	0.717	0.561	0.993	0.993	0.553	0.371
(0.000,0.100]	4	534	1.000	0.365	0.535	0.365	1.000	1.000	0.000	0.924