We are Azure Machine Learning Studio and from here we are going to click on the Automated ML (Machine Learning) link on the left. Here you will see that I have already created an experiment called experiment-project2 (as the name suggests, its for the project #2) and that it’s of status complete. When you click on the experiment, it gives you a bird’s eye view of the experiment. It shows that there were two runs performed for this experiment – one via the direct autoML run from the Automated ML and the other via the pipeline. This is shown in the ‘run type’ field.

Let’s have a look at the first run in detail. As you can see, it has completed status. The duration is 26m 15.22s. It shows the run ID. Here, you can see that the best model summary is provided. The best algorithm selected by this autoML run is VotingEnsemble and it’s accuracy is 0.91866. Let’s go to the Models tab here and you can see that the best model is displayed on top of the list. Let’s click on VotingEnsemble and see the details. It shows the details such as the algorithm name and accuracy. Also, here is a link to the ‘Registered models’ and also it shows that this model is deployed. The deploy status is succeeded.

On the output + logs tab you can see the output and the logs generated when the autoML experiment was run.

Now, let’s have a look at the endpoints for this deployed model. As you can see the deployment state is ‘Healthy’. There is a model ID linked to this. It’s the same model ID that was registered for this automated ML run.

Let’s scroll further down and see that the REST endpoint and the swagger URI are populated. The application insights is enabled. Its value is set to ‘true’. Also, the application insights URL is populated. In the logs.py file you will see that the code is written to have the application insights enabled.

We are back in Azure ML studio and now let’s have a look at the pipelines. There are two completed deployed pipelines. Let’s have a look at one of these pipelines in detail. Here is see the number of successful runs also the run type is a pipeline. Let’s click on this Run ID to see it graphically in Azure. When we click on the published pipeline (view detail link) the endpoint details for this pipeline are displayed.

