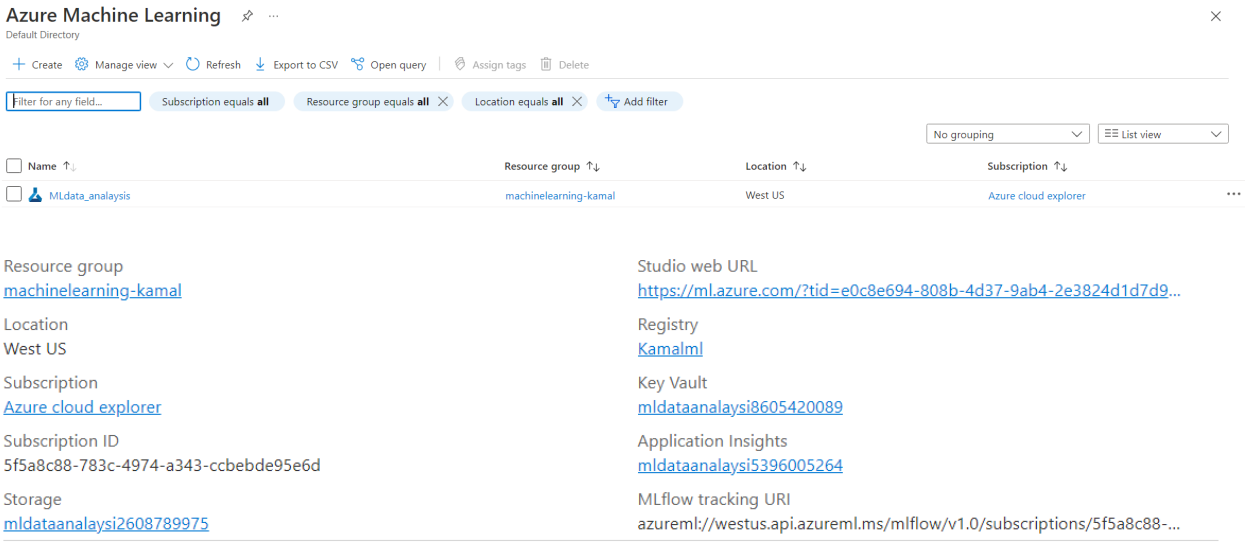
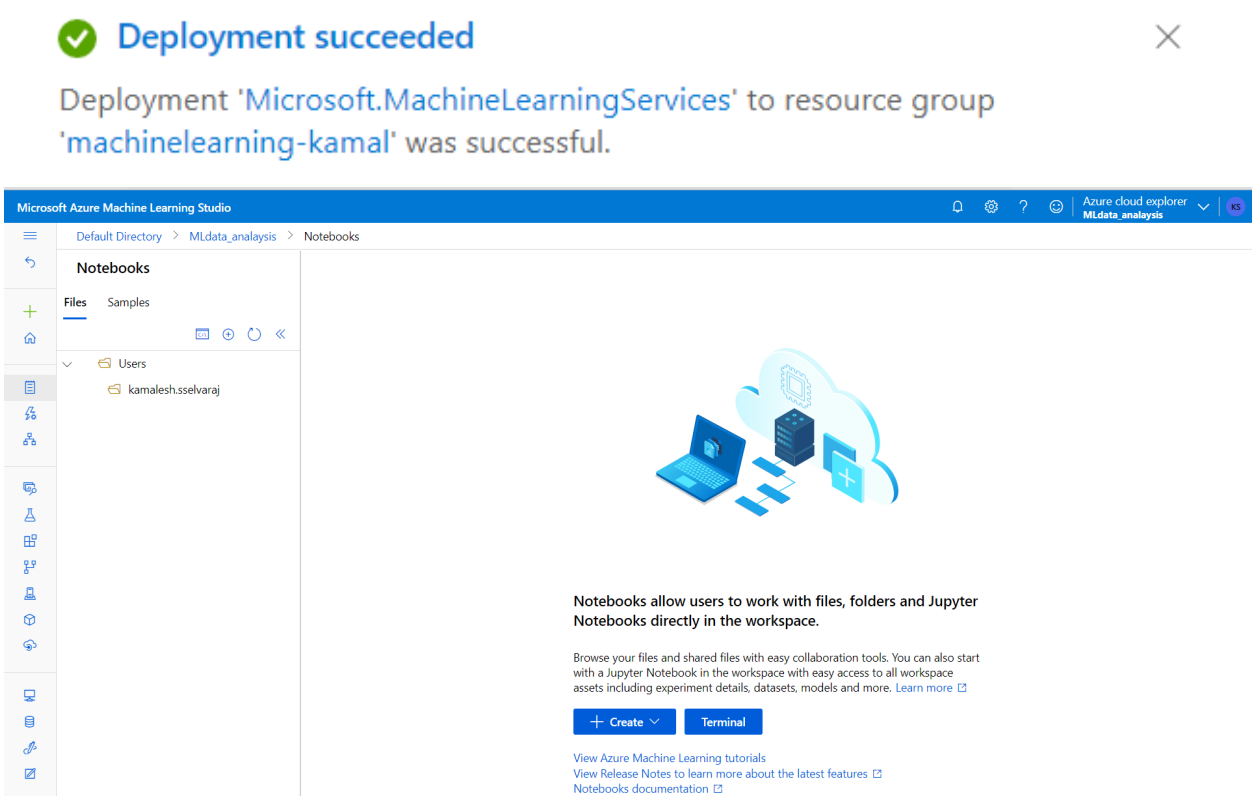
Microsoft Azure cloud console project approach

Services used from Azure : Virtual Machine(VM) Compute instances , Machine Learning from Analytics , Machine Learning Studio.

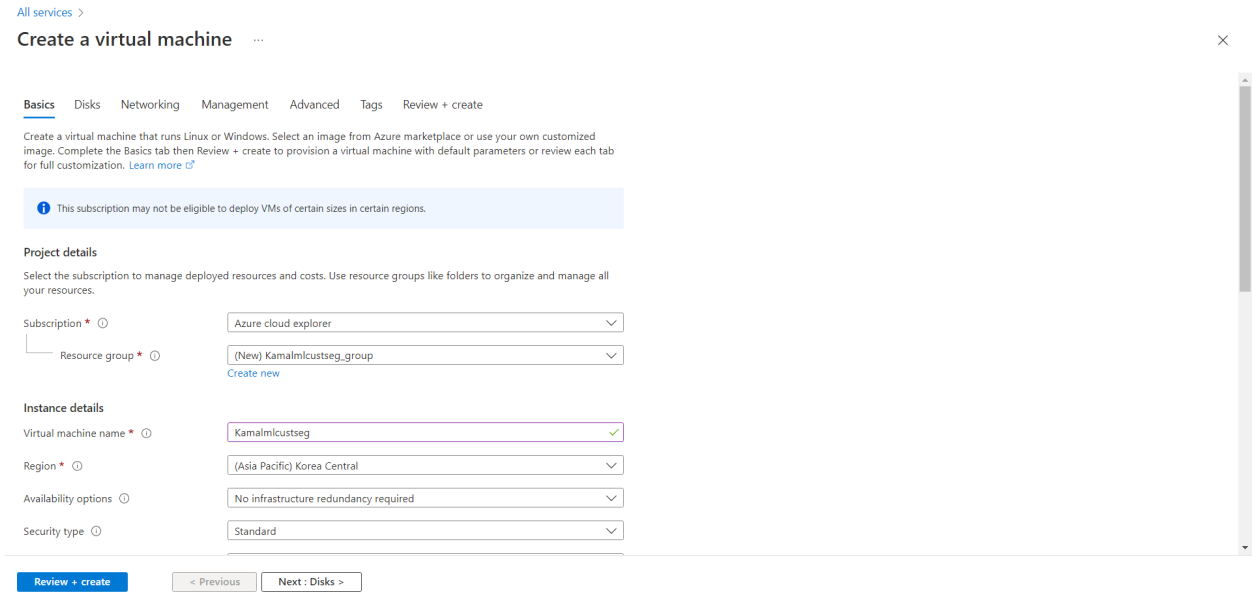
1: Creating a machine learning workspace under analytics division of the cloud by creation of resource group (**Creating resource group is very important in this step**).



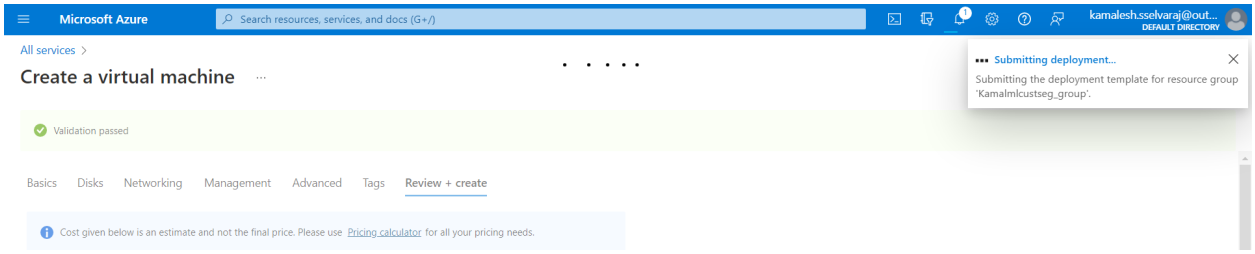
2 : Machine learning workspace has been registered and deployed at the expected time.



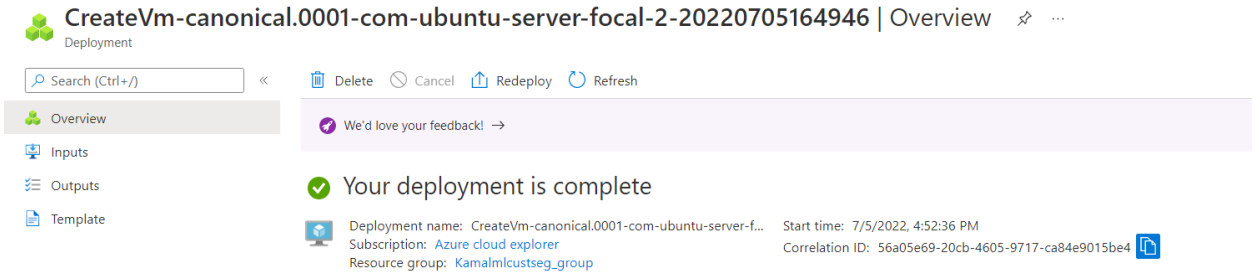
3 : After the ML model registration has been deployed , creating the virtual machine for taking an authorization in the services that have been used for this project.

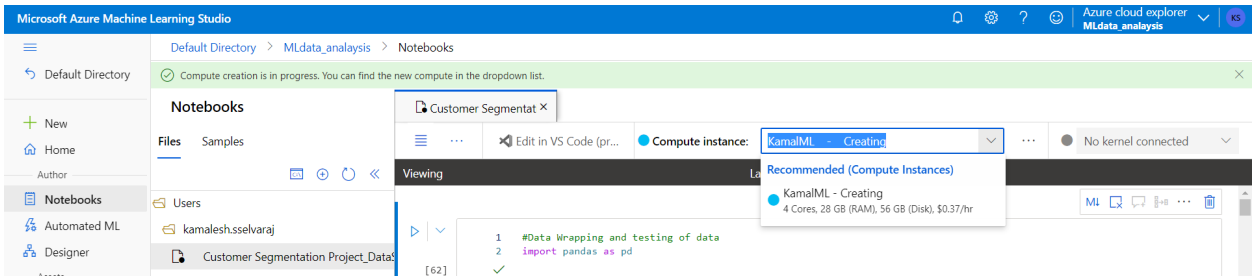


4 : Virtual machine that has been created from the compute instances has been deployed and extracted the deployment log details in the JSON format.

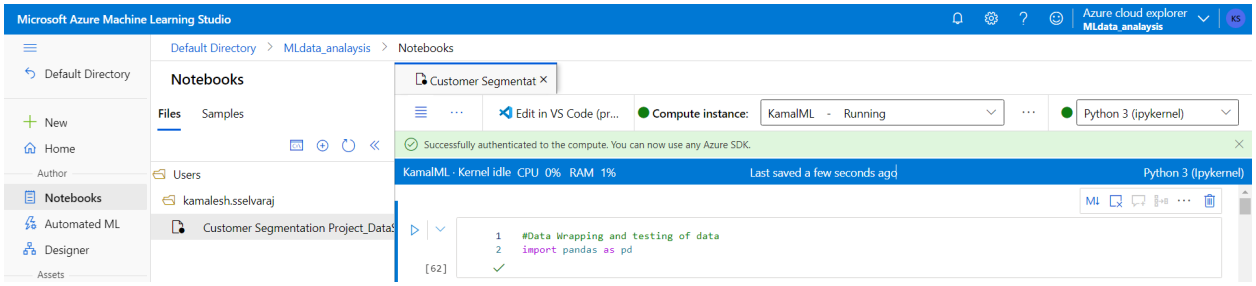


5 : After the VM has been deployed , now moving onto Machine Learning Studio as a web version for registering the ML model that has been already developed and for deployment operations.

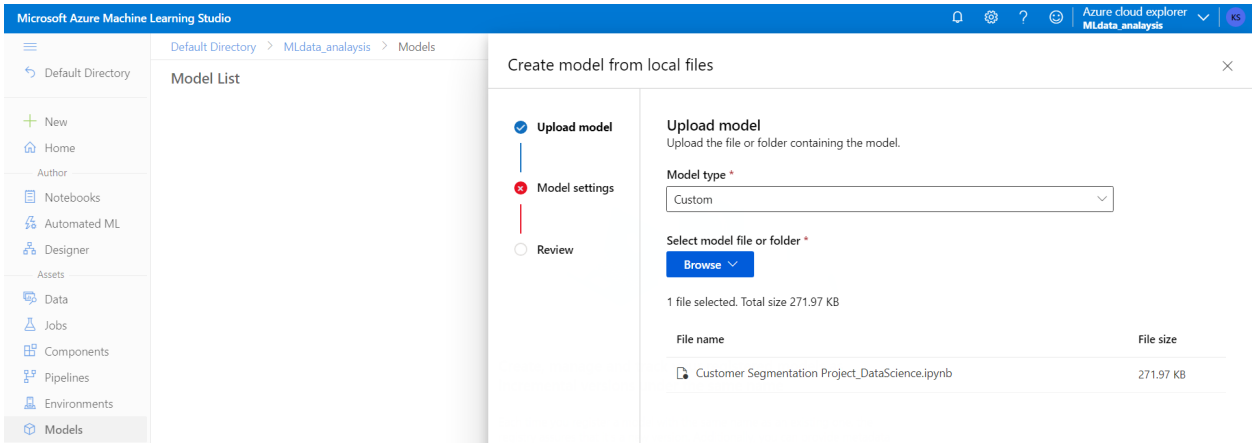


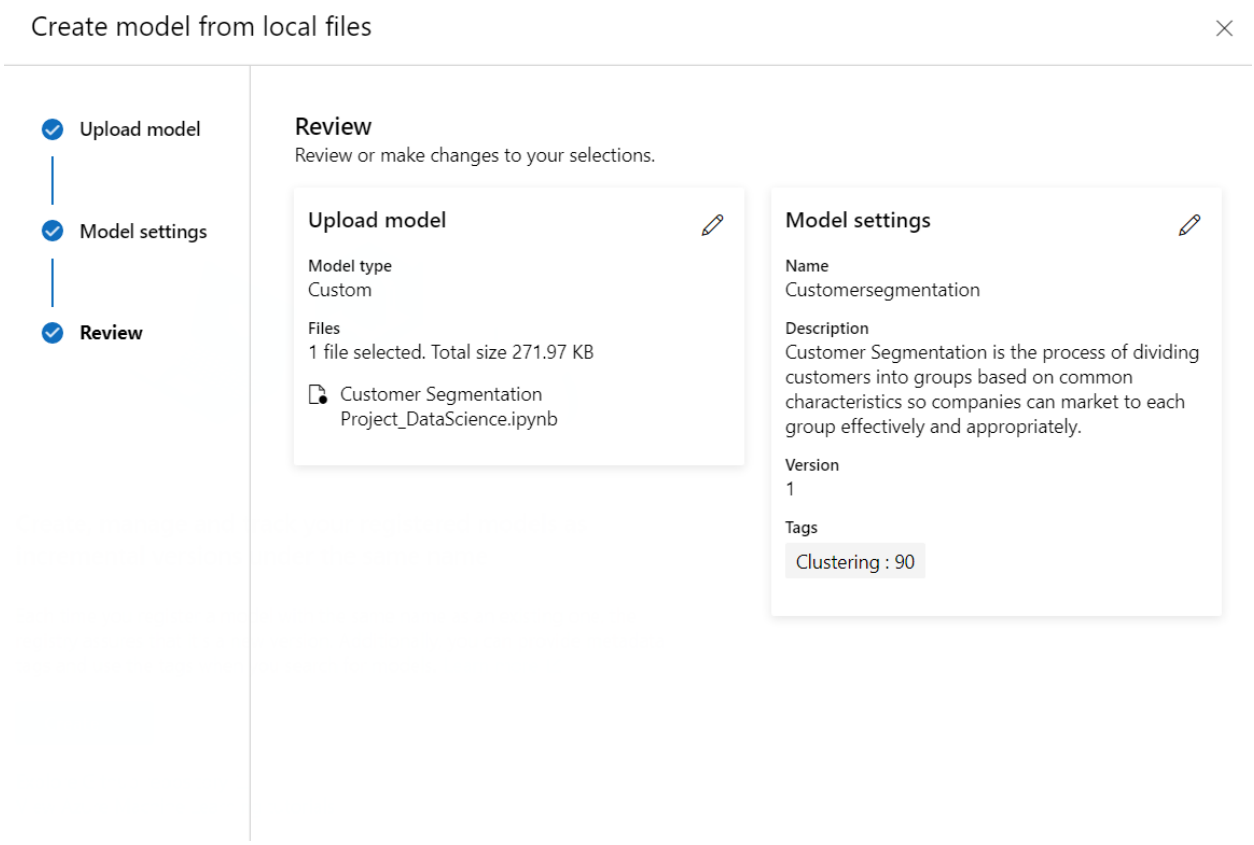


6 : Registering the ML model of customer segmentation in the Azure ML studio with setting up the configurations like size and authentication details.

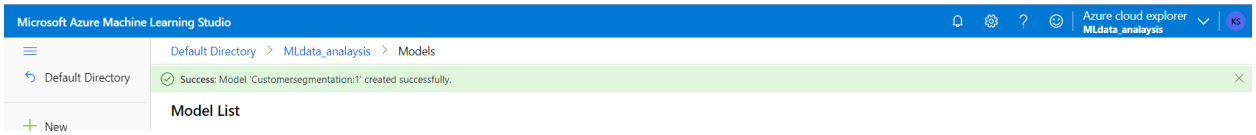


7 : Model is getting ready by adding the necessary configuration for the smooth running of the process.

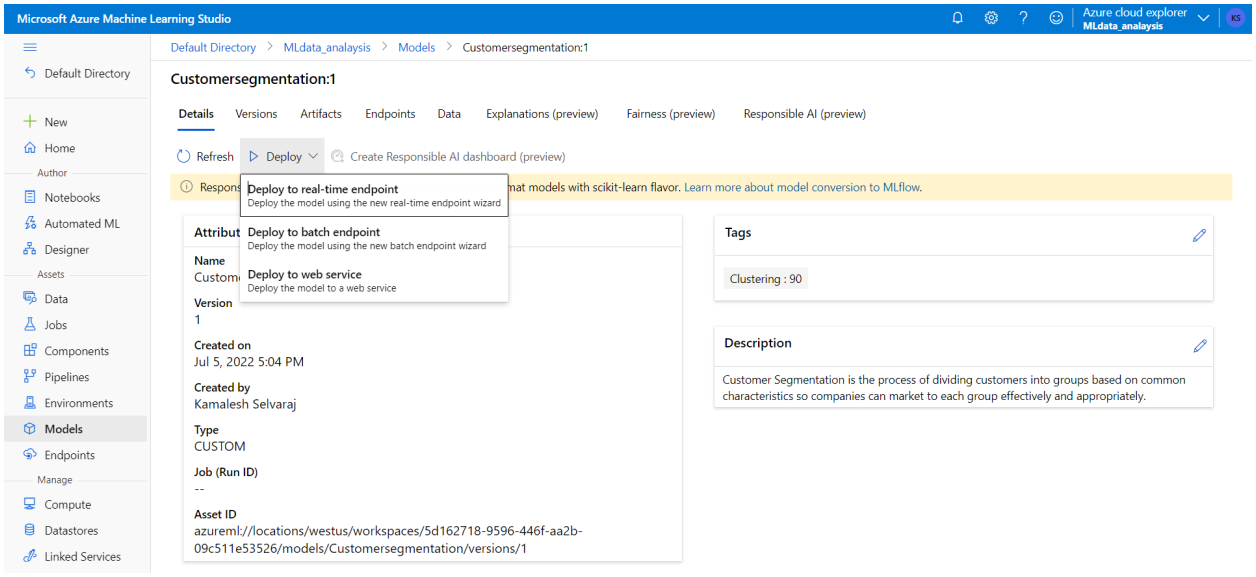


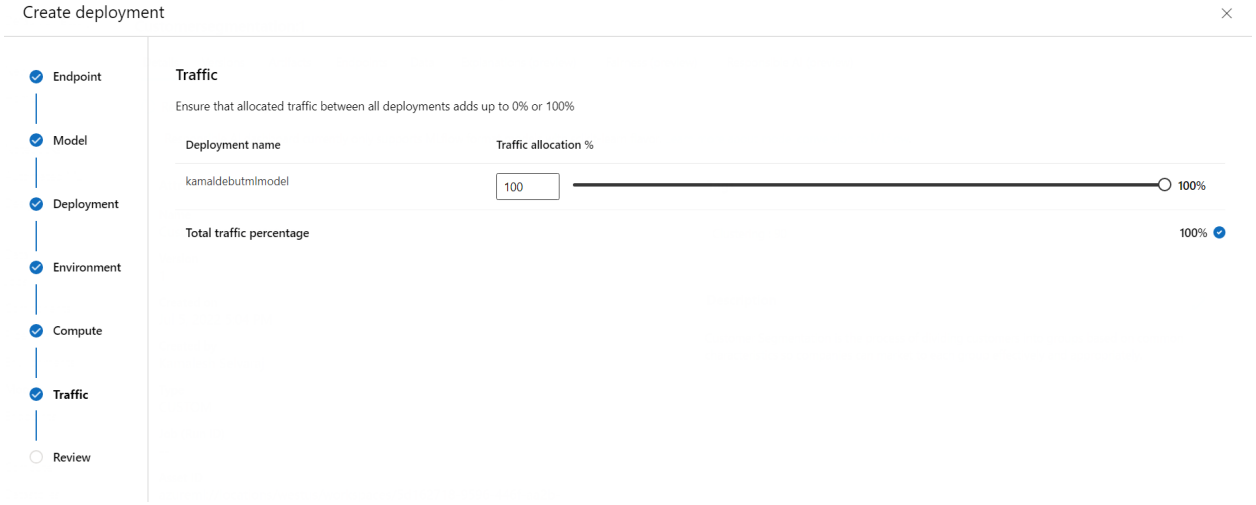


8 : Model has been registered successfully and compute instances have also been created for making the deployment process as expected.

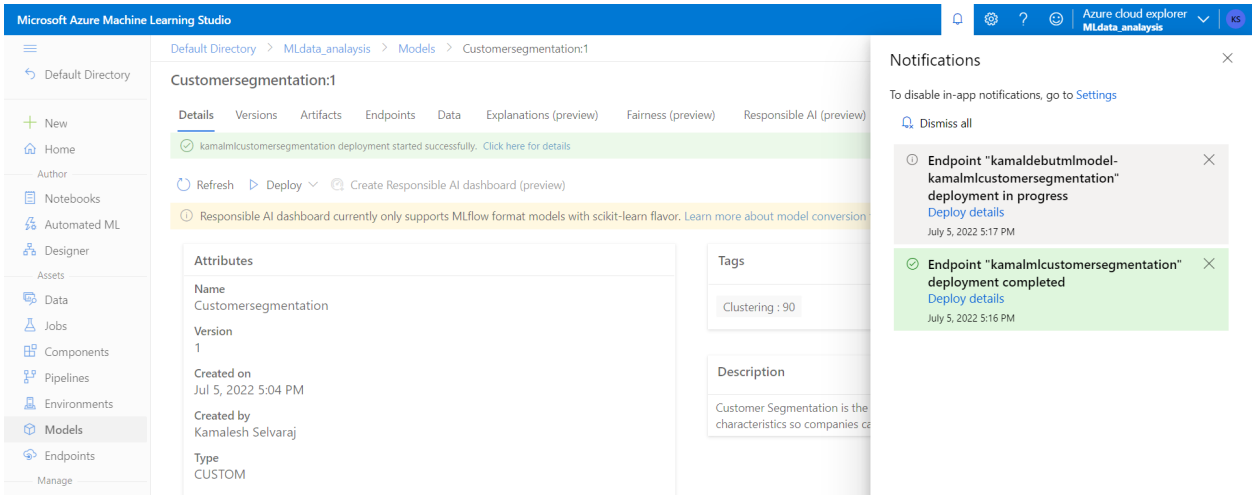


9 : Now moving onto the final and main part of this project, deploying the model into the version of real time endpoint depending upon the endpoint versions. Allocating the traffic service upto 100% for handling the rollout blue/green deployments as safe by balancing requests between different instances.





10 : Finally the machine learning model that I had created in my machine learning notebook has been deployed into the public version of Azure Cloud Machine Learning Migration service with success message at the greater time complexity along with its endpoint configurations.



Machine Learning Model : Customer Segmentation Model using Unsupervised Machine Learning is been deployed successfully

Contributors of this cloud work :

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