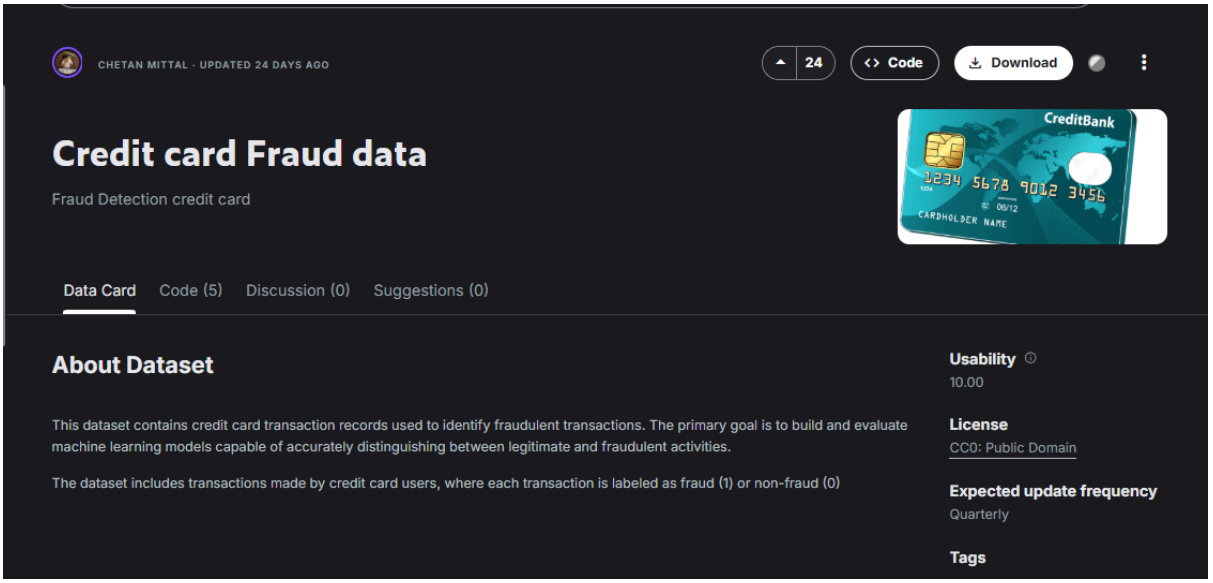
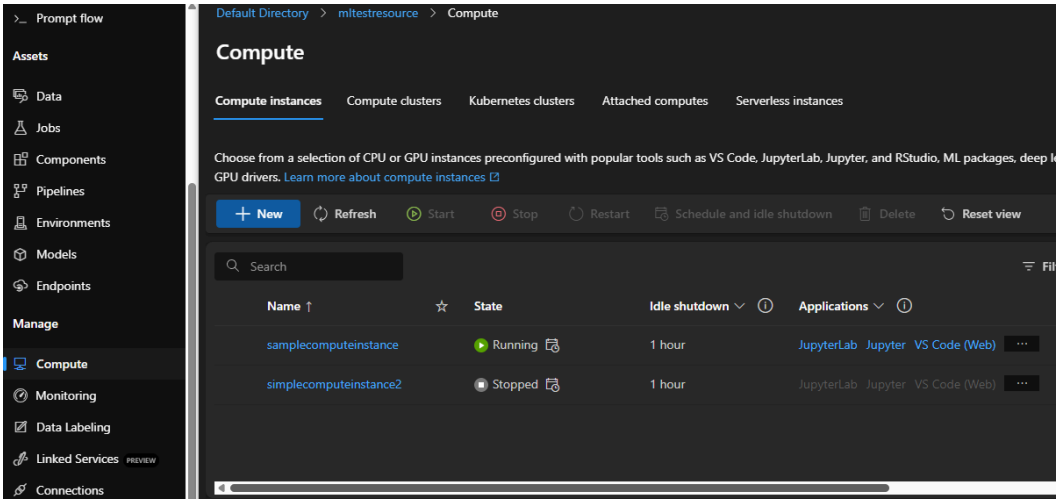
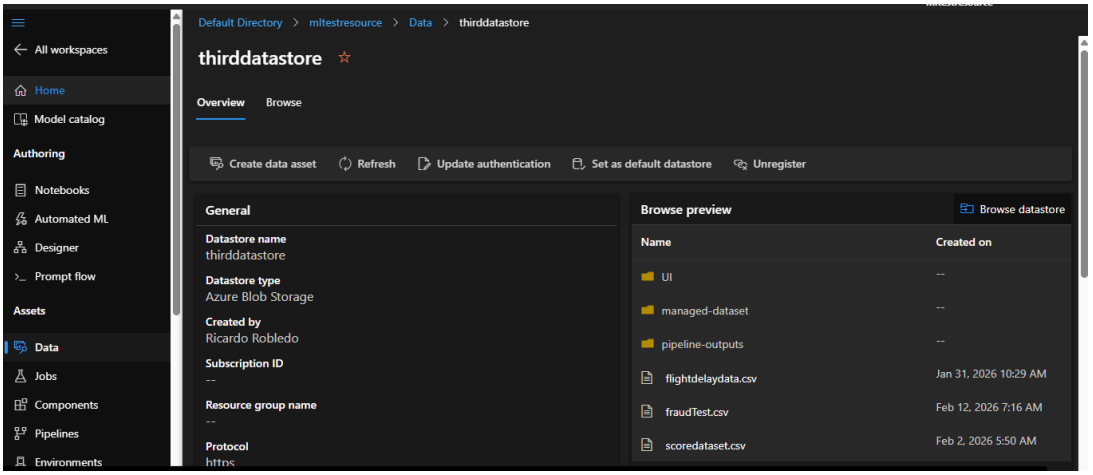


We will solve this problem creating a ML model to predict credit card fraud data, this dataset is disbalanced.

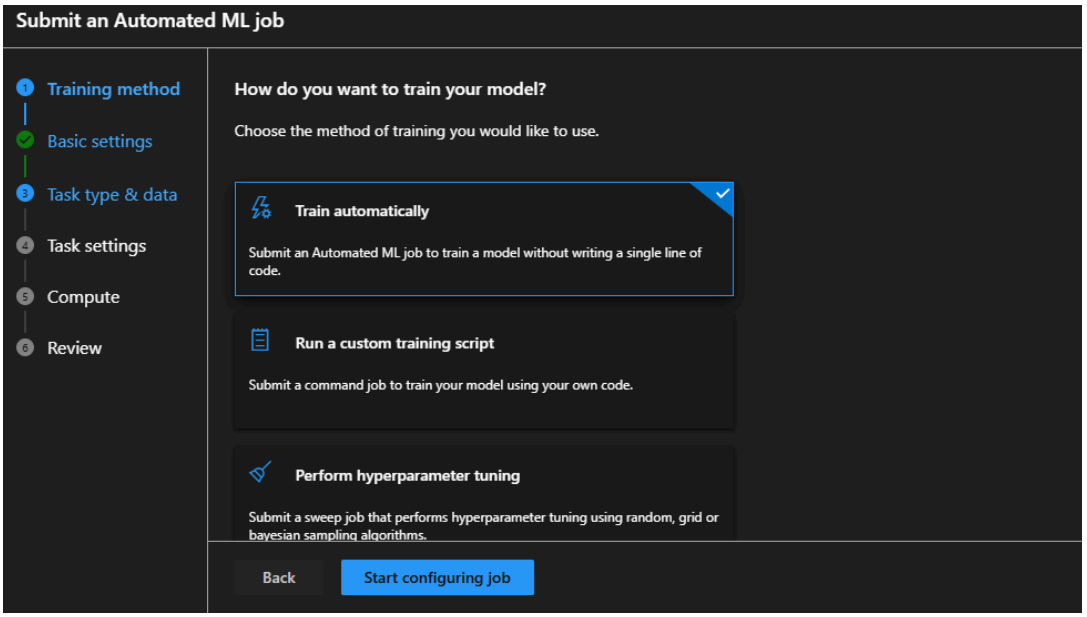
First you need to create and execute a compute instance.



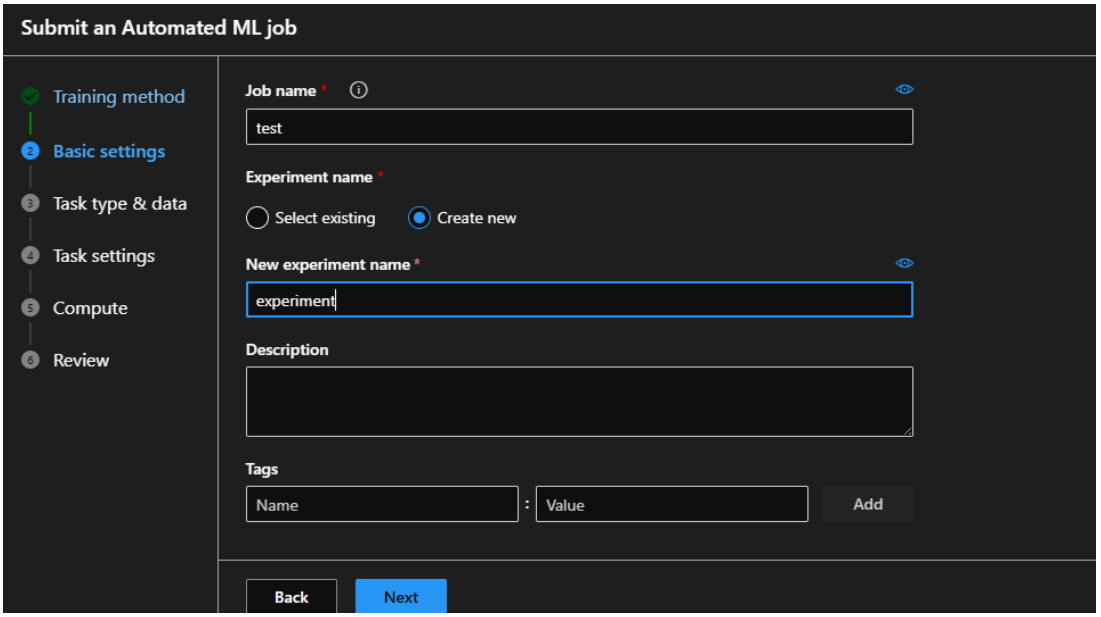
We create a datastore and put our dataset.



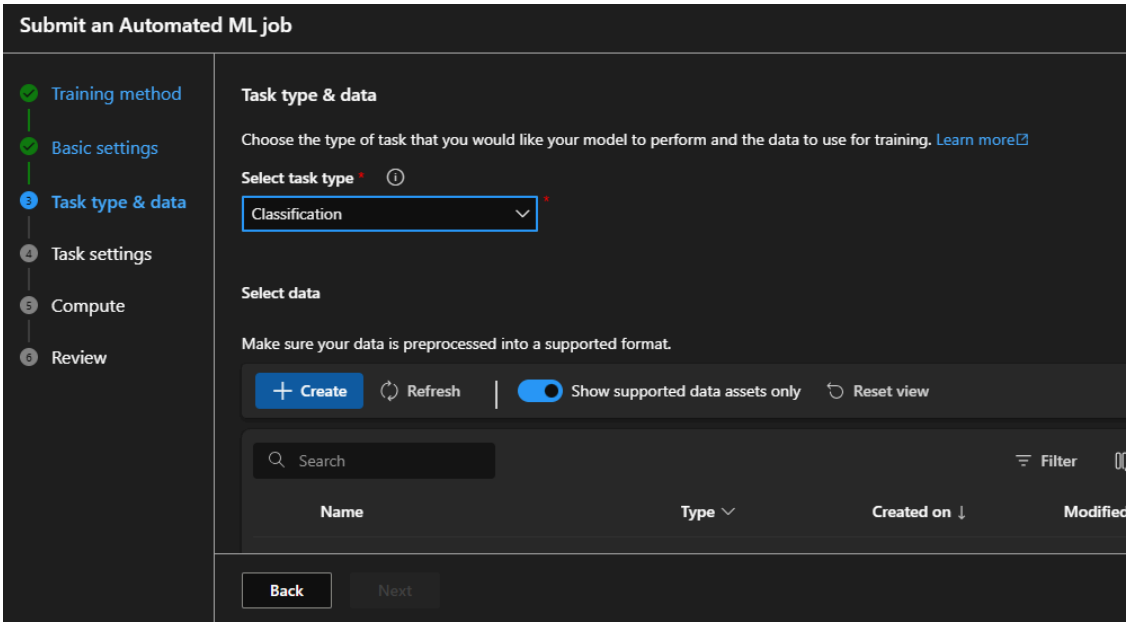
Then create the Train automatically option.



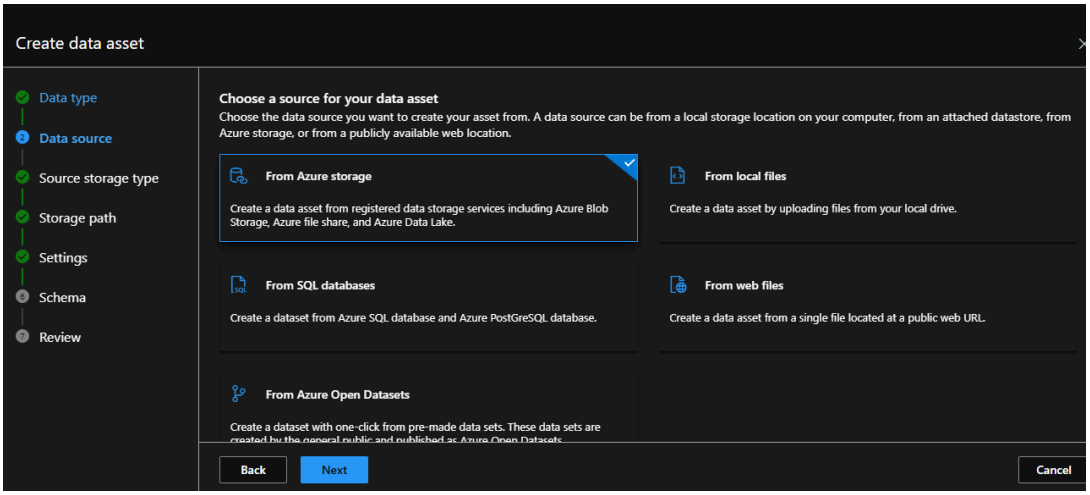
We put a name to the job and the experiment.



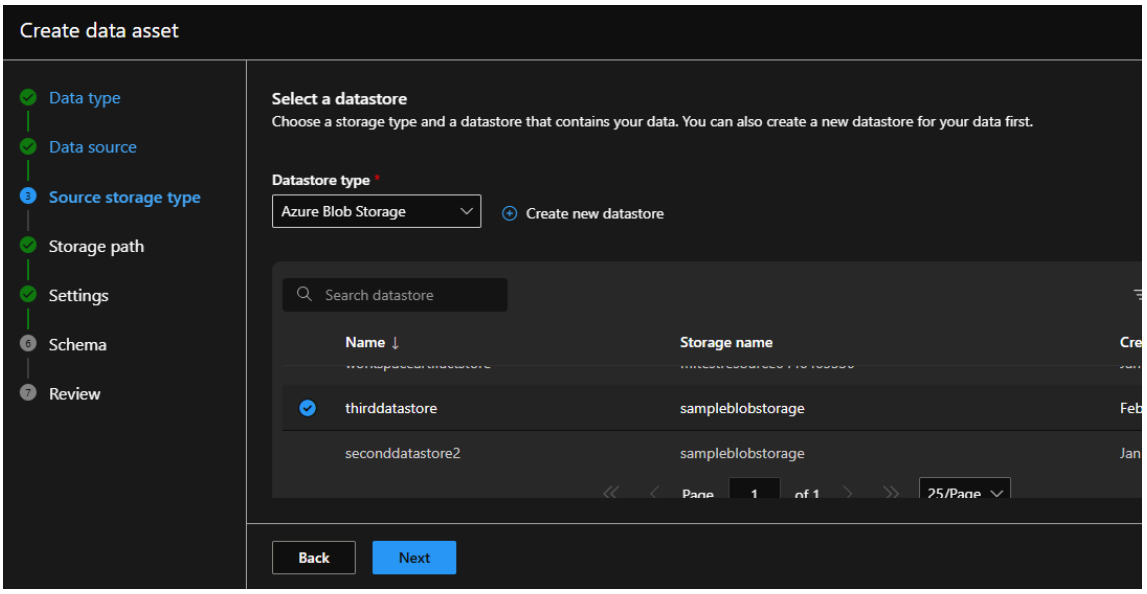
Select the task type, in this case classification. Then push create to create a dataset.



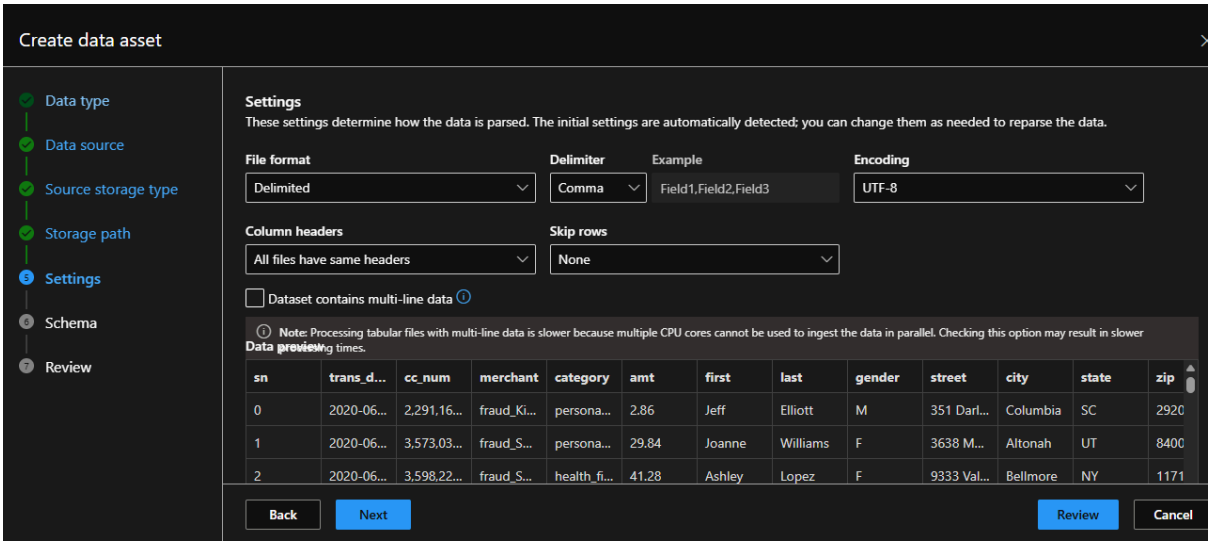
Select Azure Storage from our storage account.



Select datastore

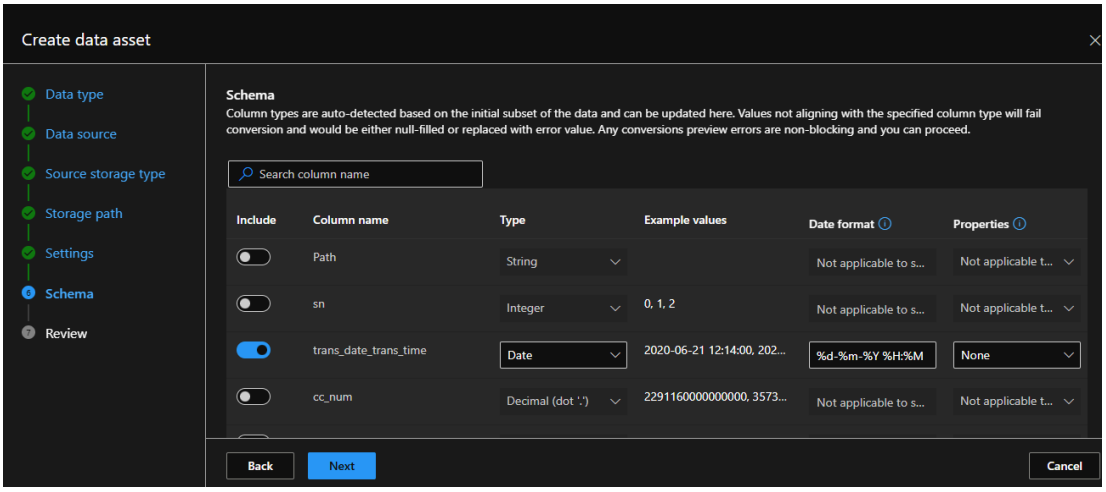


Confirm data

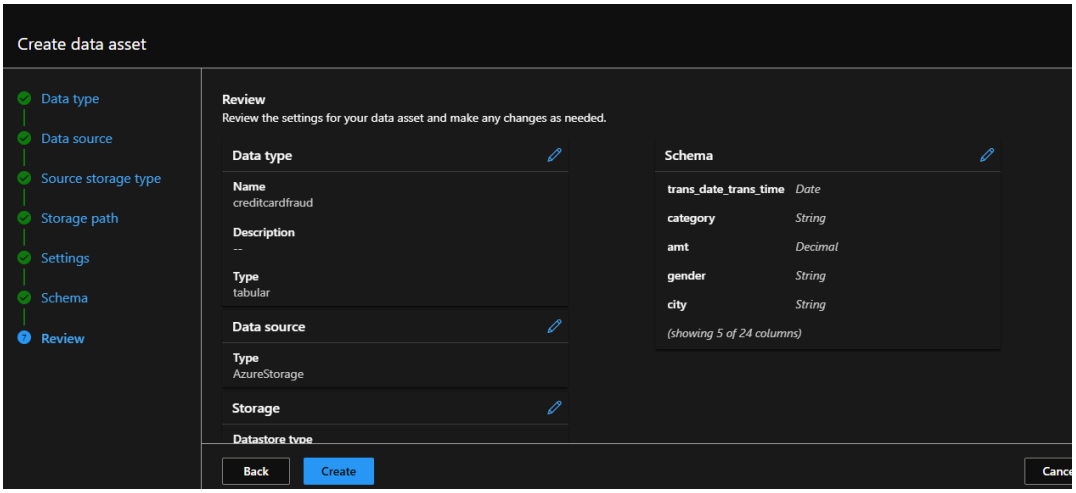


Include and change values needed. In this case we use: *trans_date_trans_time, category, amt ,gender ,city ,state ,zip ,lat ,long ,city_pop ,job ,dob ,unix_time ,merch_lat ,merch_long ,is_fraud.*

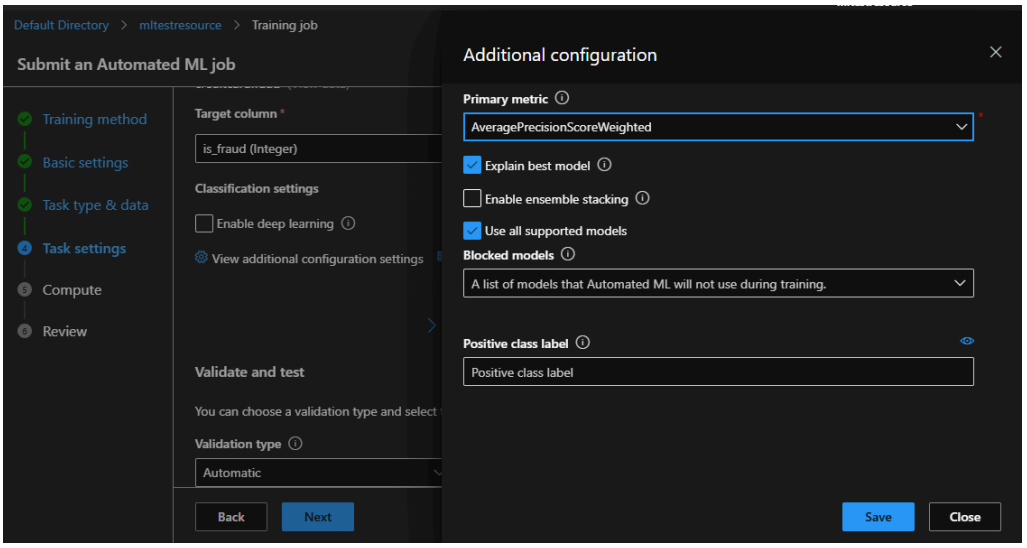
delete: *trans_num, street, first, last ,cc_num ,sn ,merchant.*



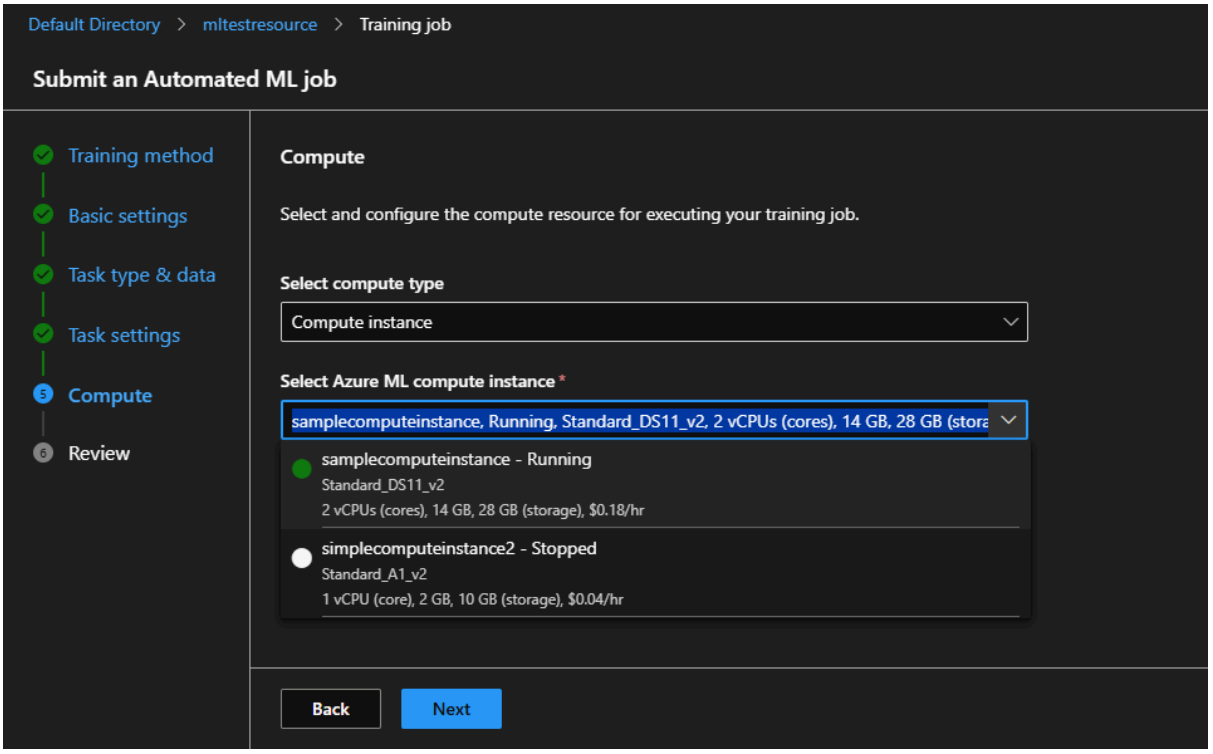
Verify and create dataset.



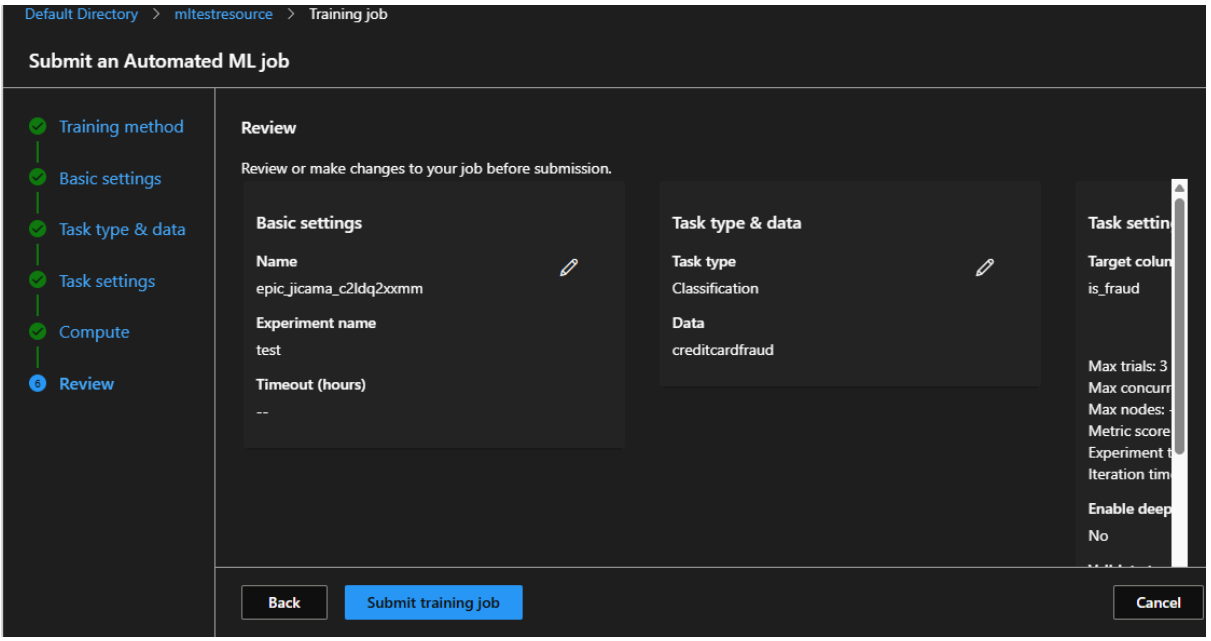
We'll use is_fraud like our target column and AveragePrecisionScoreWeighted like metric.



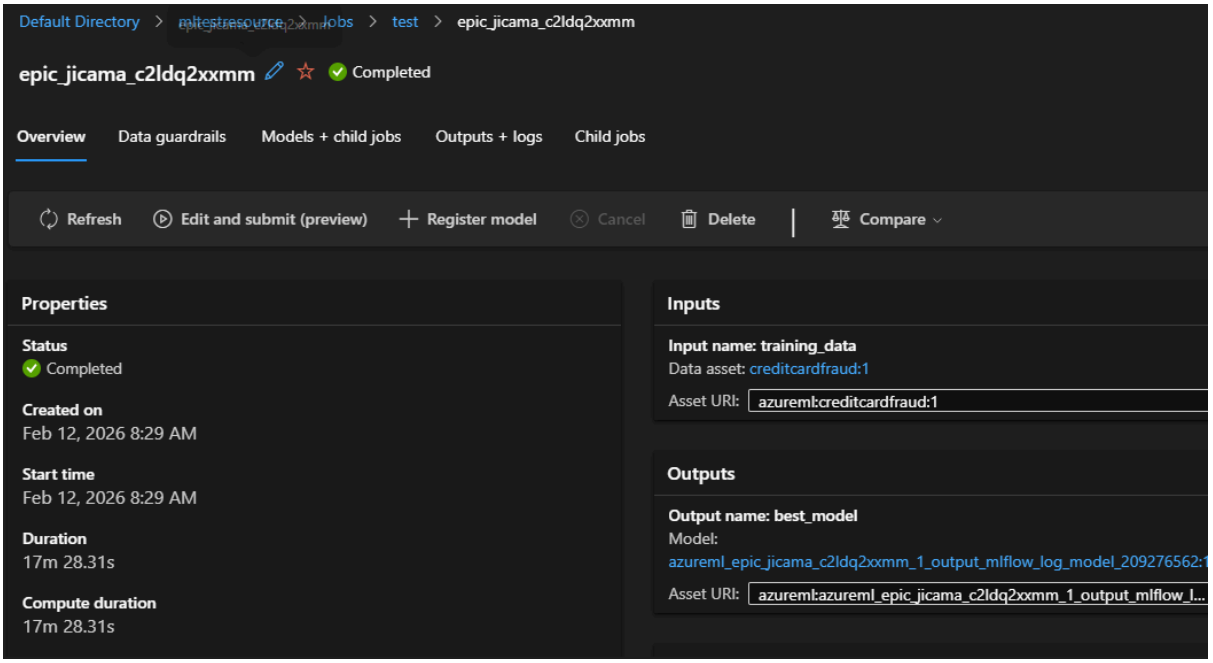
Select your compute instance.



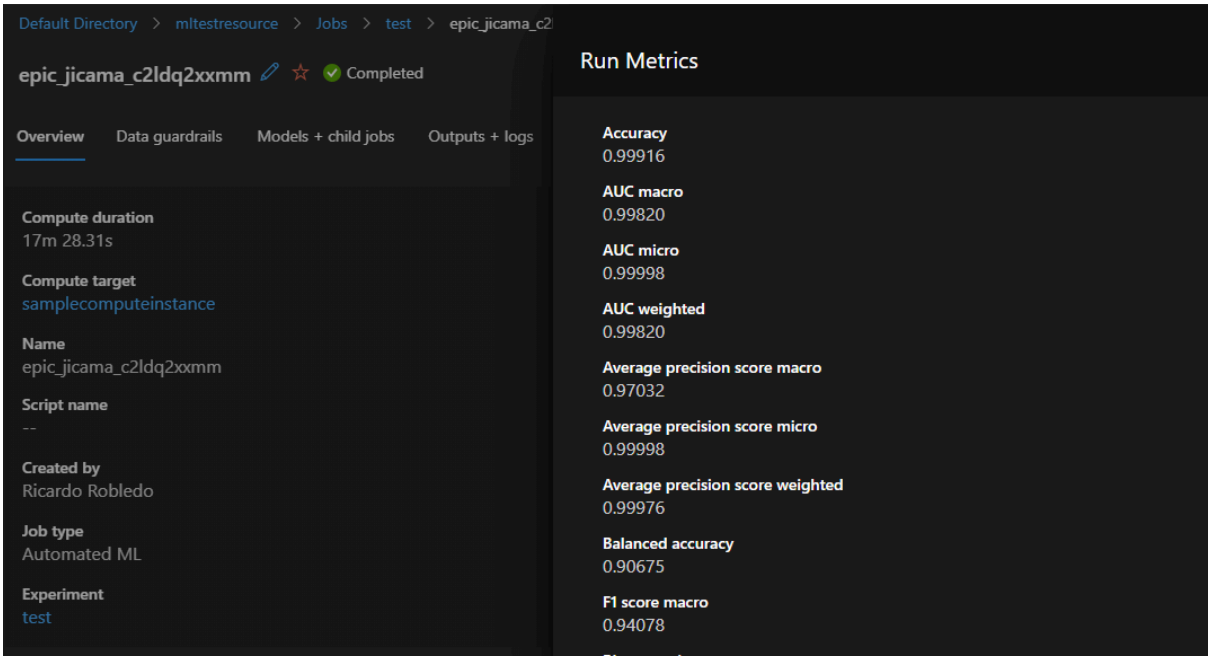
Review and create.

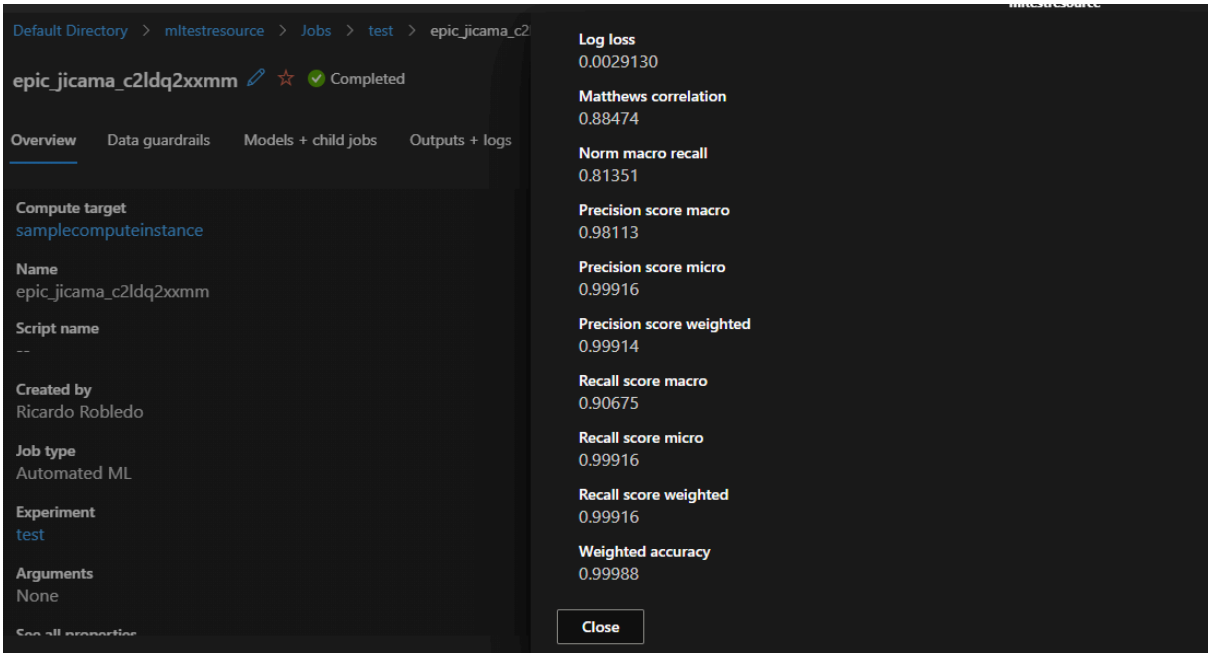


After this is completed we can verify the results.



These are the results.





That’s all!, this is the model finished.