Name: Snigdha Singh

Data Analytics

VIT Vellore, Tamil Nadu

Assignment-3 Dataset: diabetes.csv

New project			
Define details	Storage		
Name			
Project name	Cloud Object Storage-hv		
Description Project description			
Project description			
Choose project options	i.		
Restrict who can be a collaborator ①			
Project includes integration with Cloud Object Storage for storing project assets.			
		Cancel	Create

Fig: Create a new Project

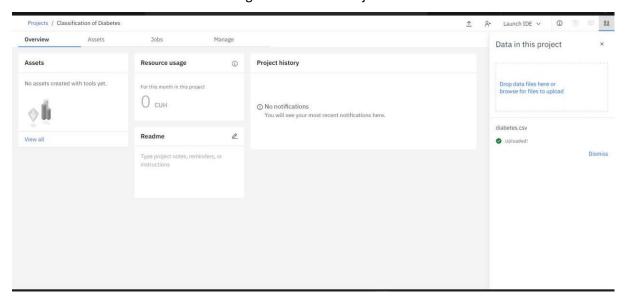


Fig: upload the dataset to the project

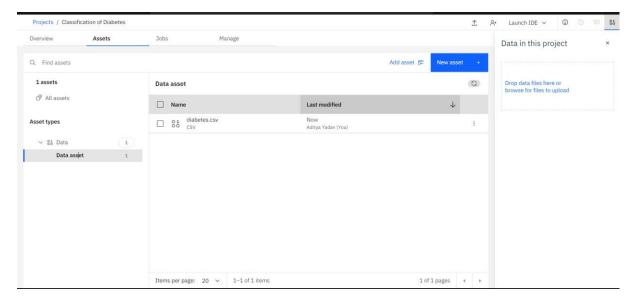


Fig: data asset available

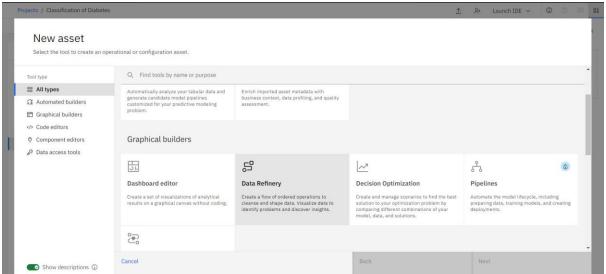


Fig: create data refinery

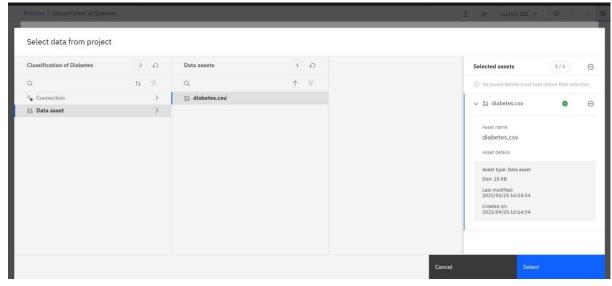


Fig: add the dataset for data refining

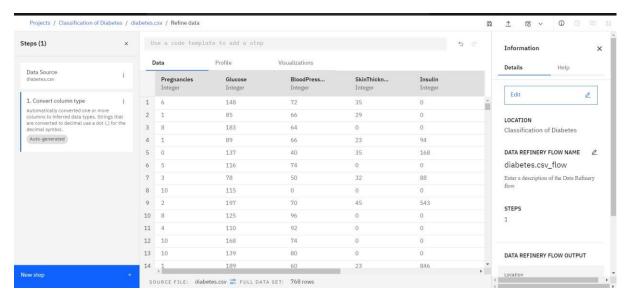


Fig: descriptive details of the dataset

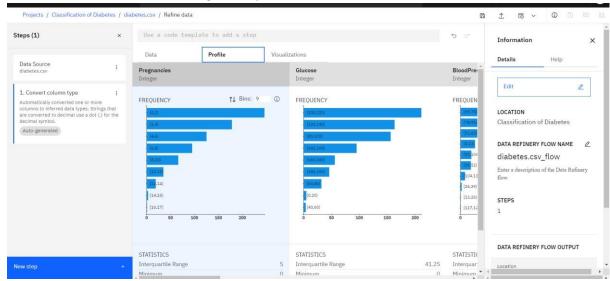


Fig: profile of our data



Visualize on the basis of box plot chart on pregnancies and diabetes.



Fig: Visualize on the basis of box plot chart on glucose and diabetes.



Fig: graph for BloodPressure and diabetes



Fig: graph for Insulin and diabetes

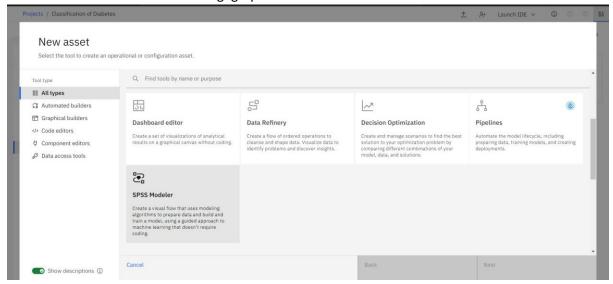


Fig: create a SPSS modeler

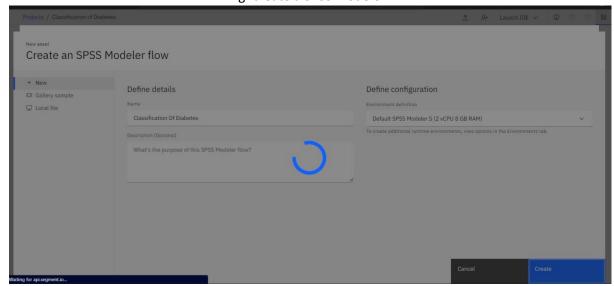


Fig: creating workbench

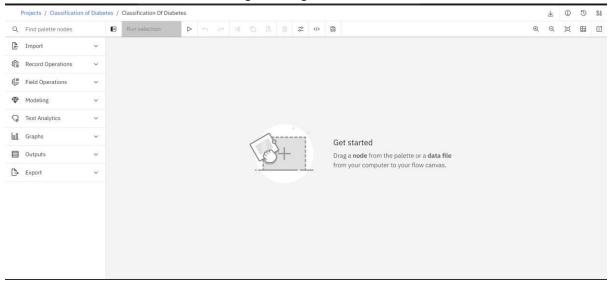
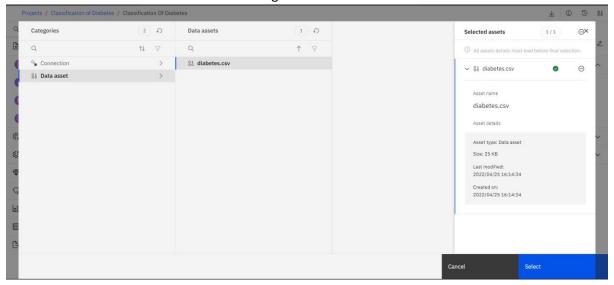
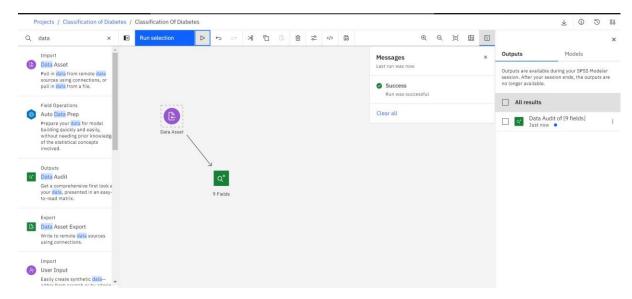


Fig: workbench



add dataset node to the workplace



Add data audit node and run the model.

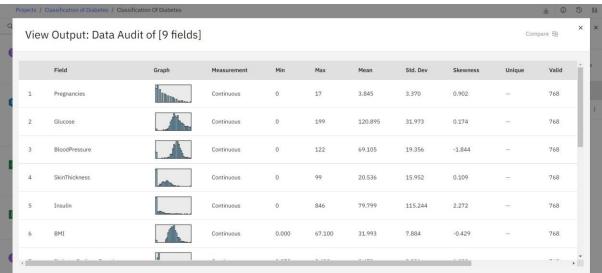


Fig: output of audit

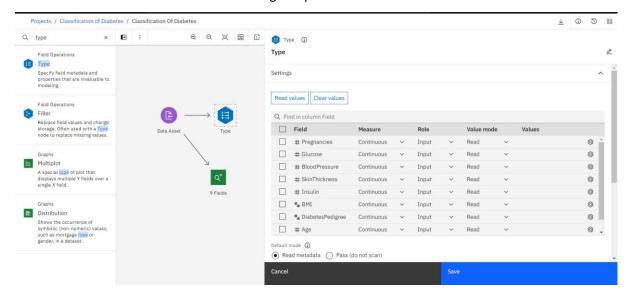
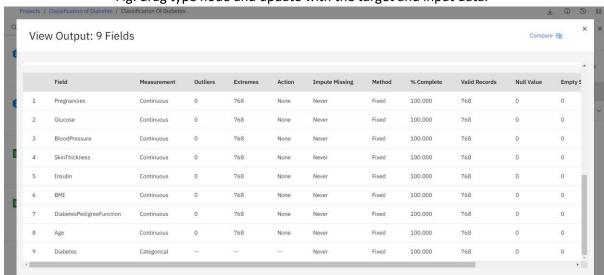


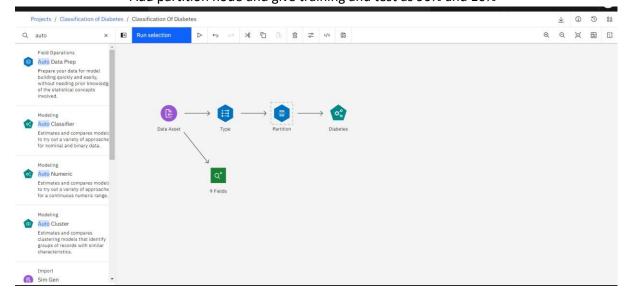
Fig: drag type node and update with the target and input data.



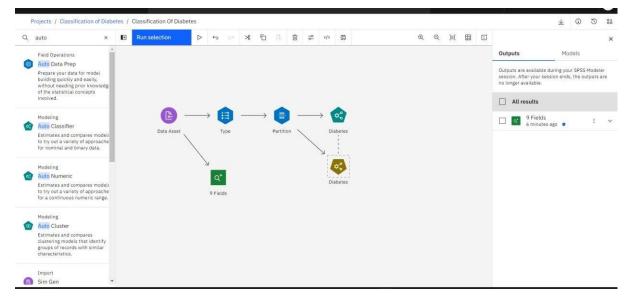
Updated outliers



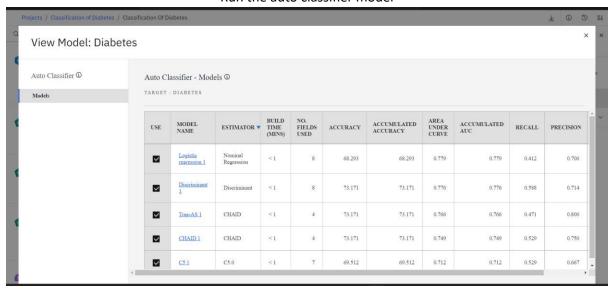
Add partition node and give training and test as 90% and 10%



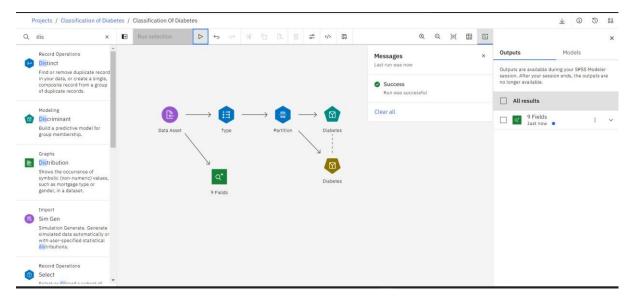
Select auto classifier and run the model



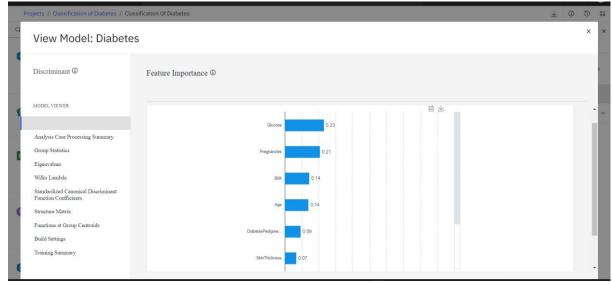
Run the auto classifier model



examine the model by view model



Perform again for discriminant model



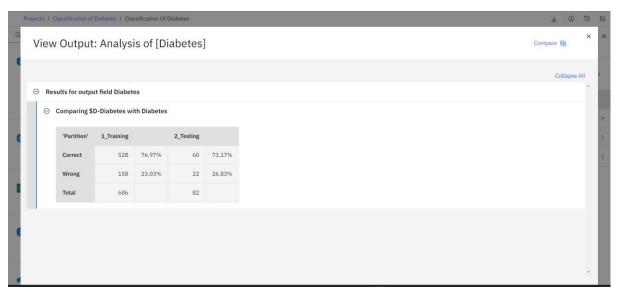
View model



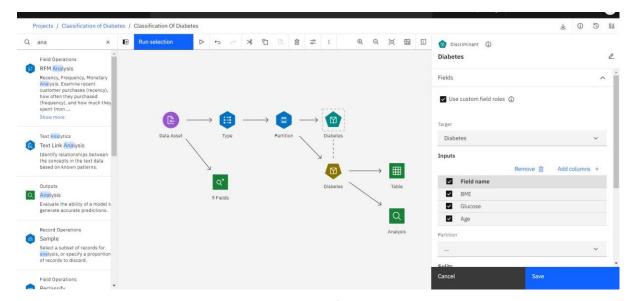
Create output in form of table and analysis form



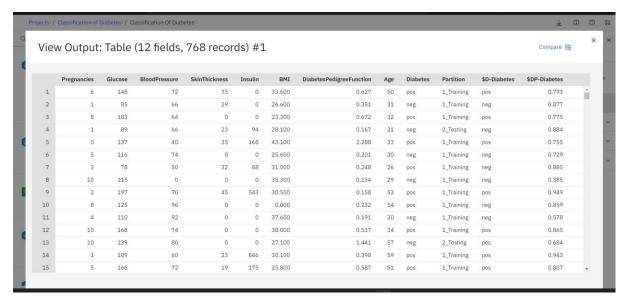
Table



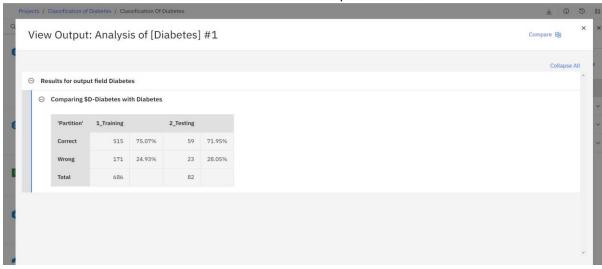
Analysis



Use custom fields

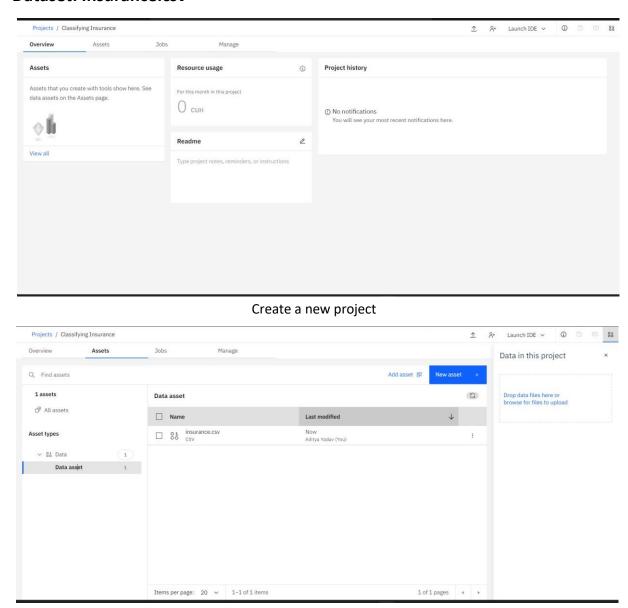


After custom input

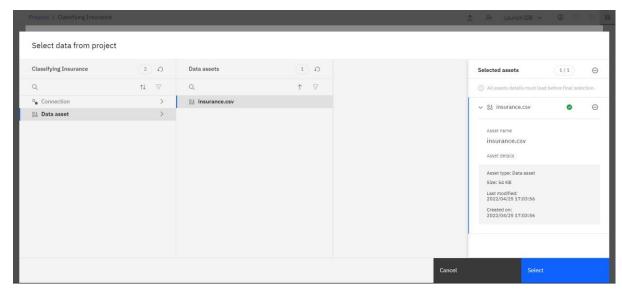


After custom input

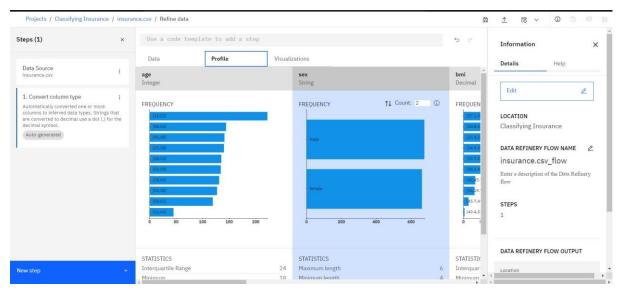
Dataset: Insurance.csv



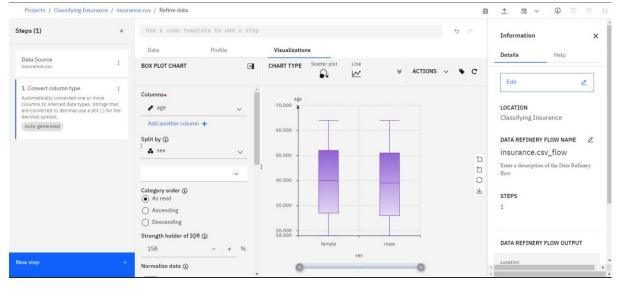
Upload dataset



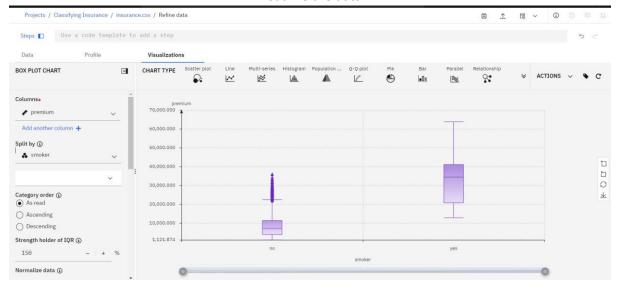
Go for data refining for the given dataset



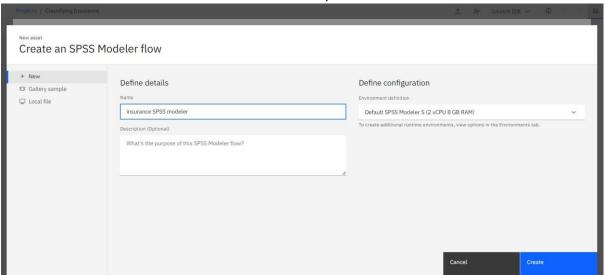
Profile for dataset



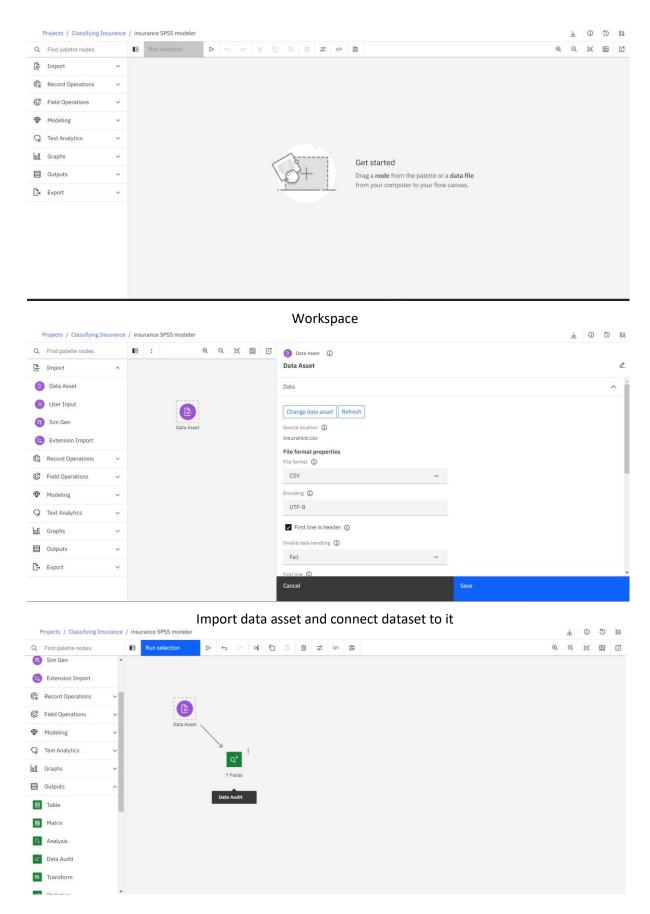
Visualize the data



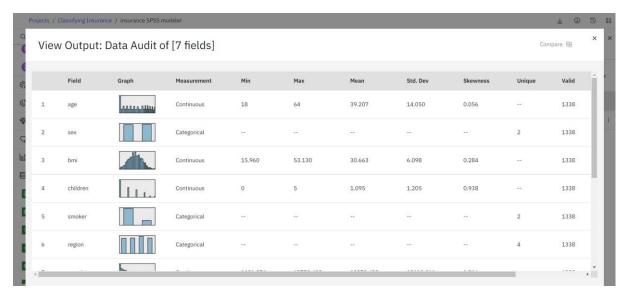
Visualize with other parameters



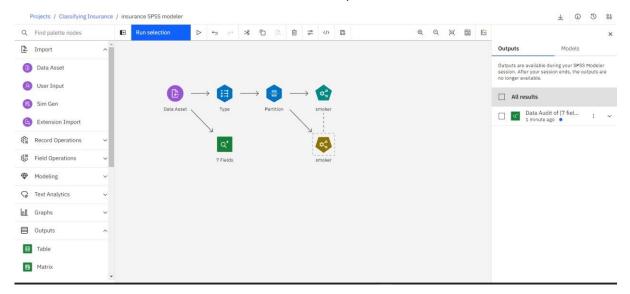
Create a SPSS modeler



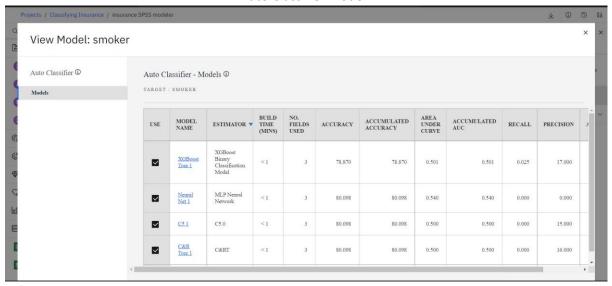
Connect data audit to data asset and run model



Data Audit output



Auto Classifier model



View model

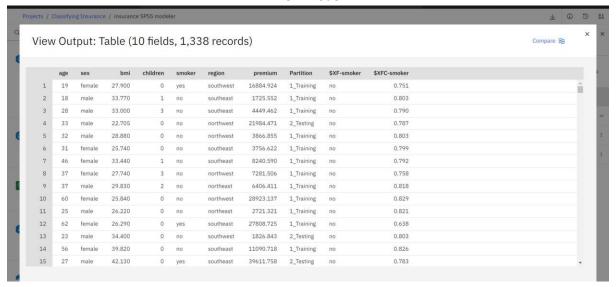
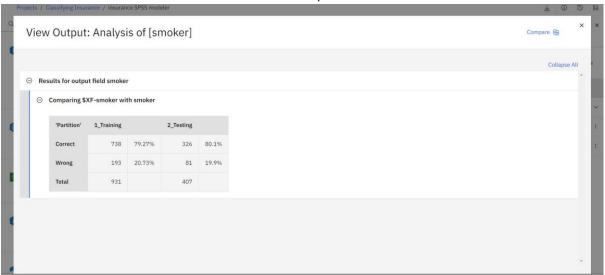


Table output



Analysis output