Name: Aditya Yadav

Data Analytics

VIT Vellore, Tamil Nadu

Assignment-3

Dataset: diabetes.csv

Link to dashboard: https://dataplatform.cloud.ibm.com/projects/238bd258-17ba-45ba-9897-7c7c3543e496/assets?context=cpdaas

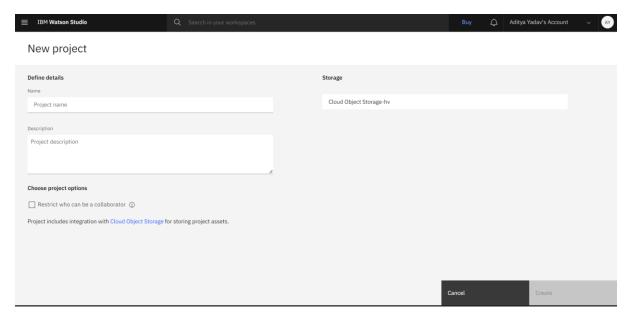


Fig: Create a new Project

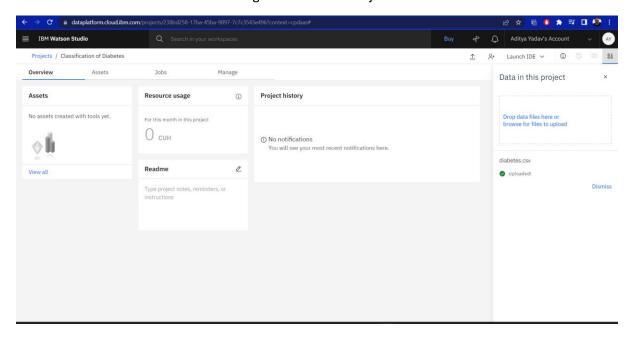


Fig: upload the dataset to the project

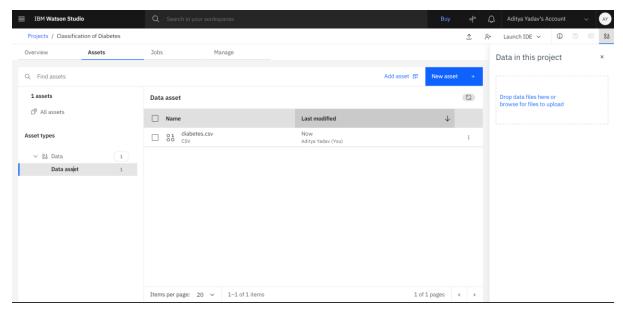


Fig: data asset available

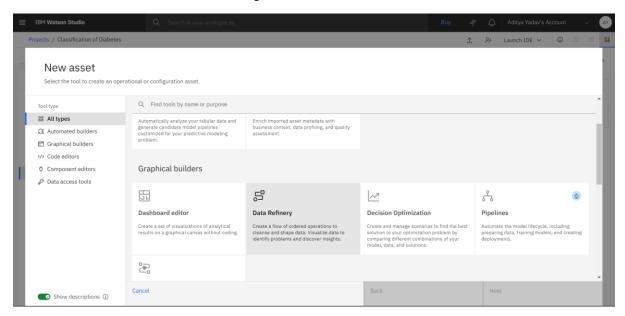


Fig: create data refinery

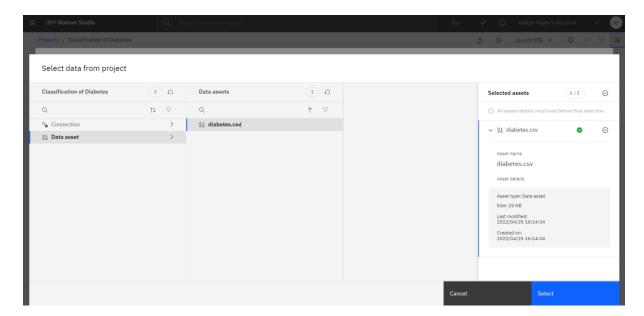


Fig: add the dataset for data refining

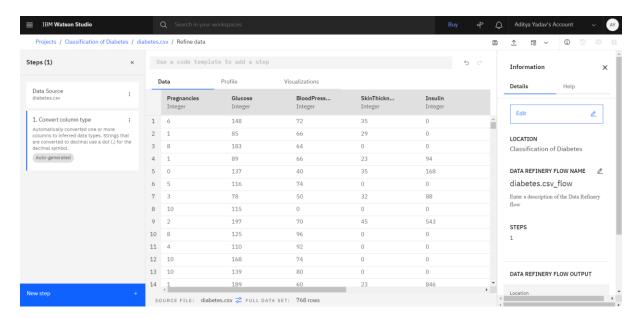


Fig: descriptive details of the dataset

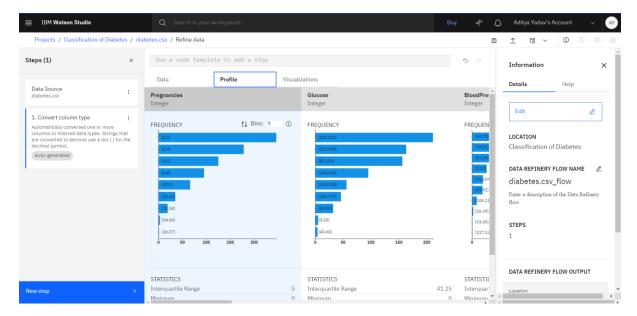
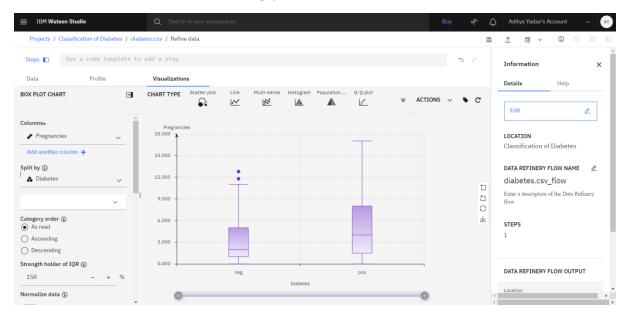


Fig: profile of our data



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

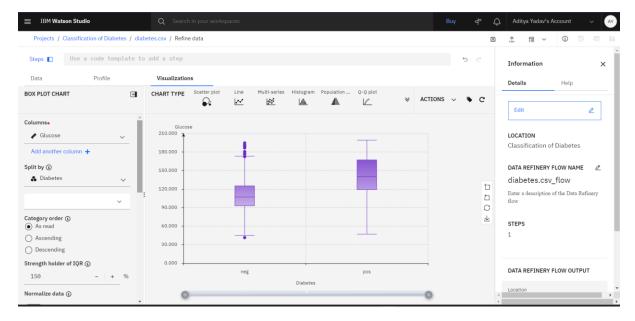


Fig: Visualize on the basis of box plot chart on glucose and diabetes.

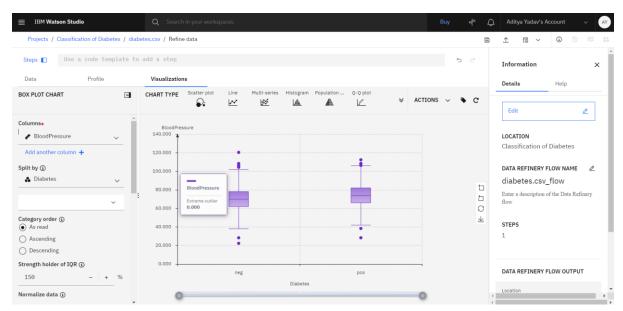


Fig: graph for BloodPressure and diabetes

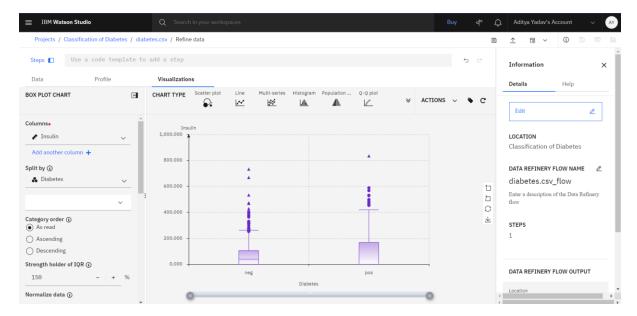


Fig: graph for Insulin and diabetes

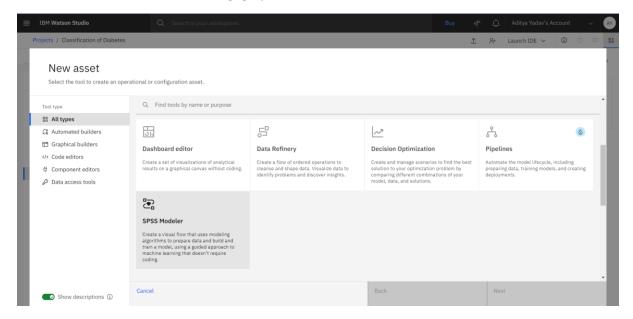


Fig: create a SPSS modeler

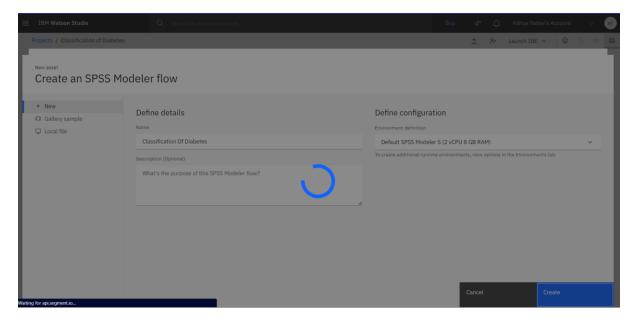


Fig: creating workbench

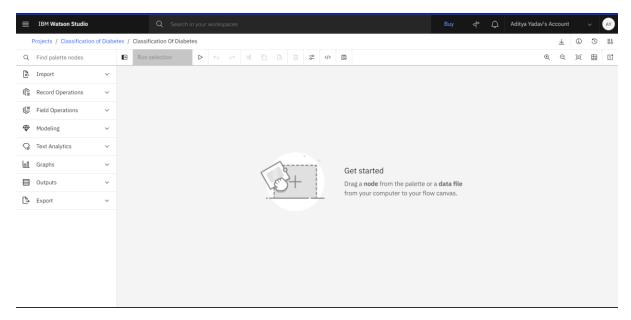
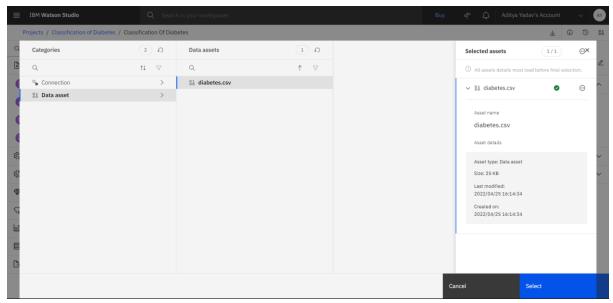
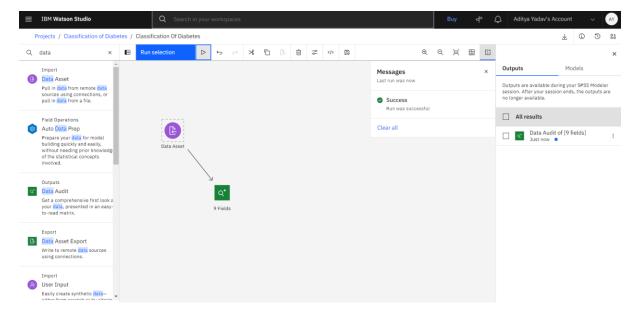


Fig: workbench



add dataset node to the workplace



Add data audit node and run the model.

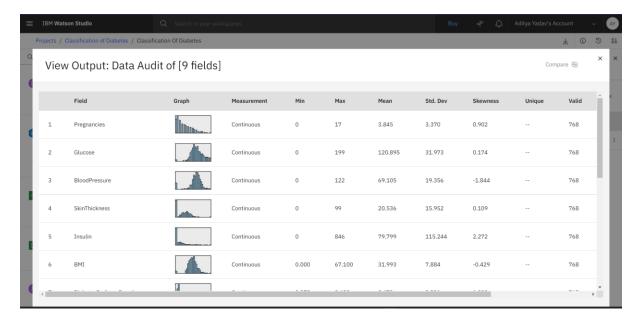


Fig: output of audit

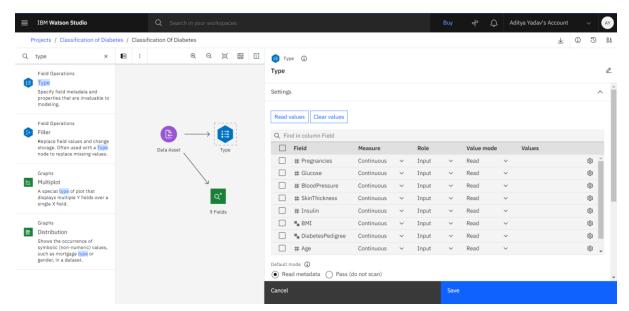
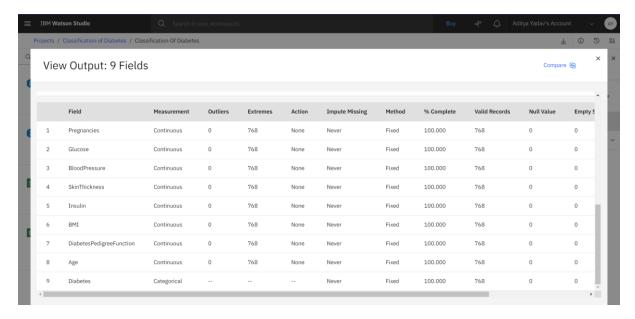
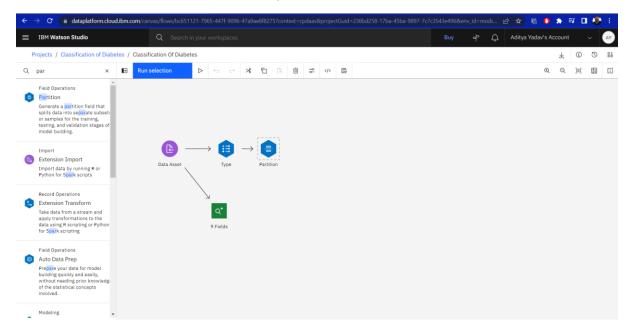


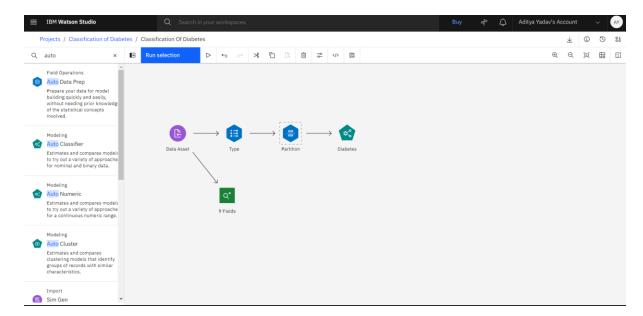
Fig: drag type node and update with the target and input data.



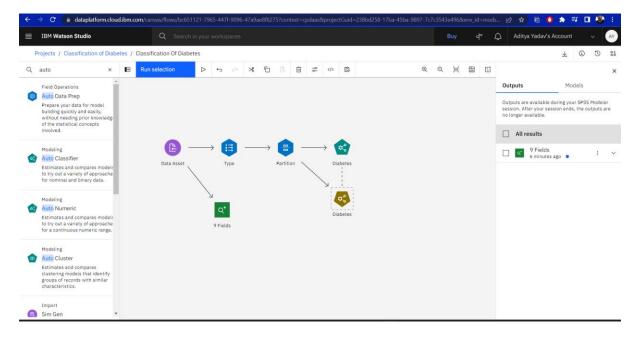
Updated outliers



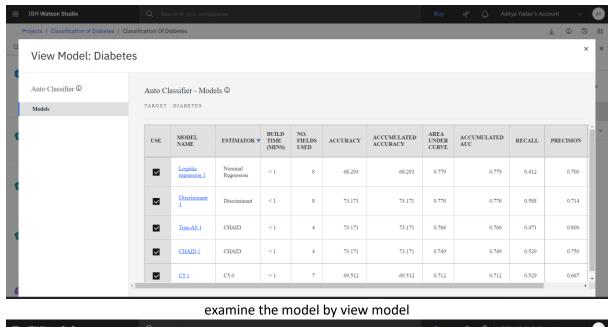
Add partition node and give training and test as 90% and 10%

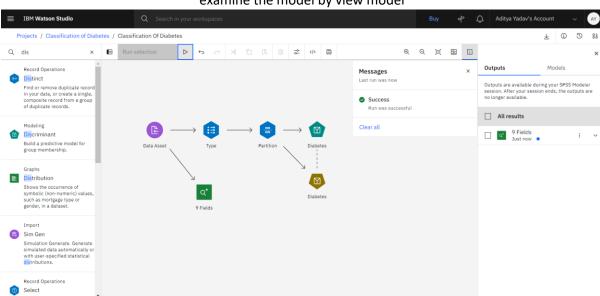


Select auto classifier and run the model

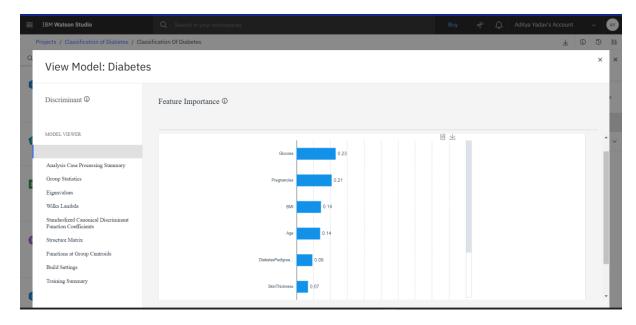


Run the auto classifier model

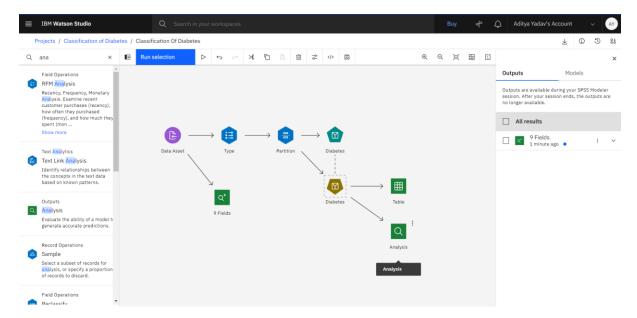




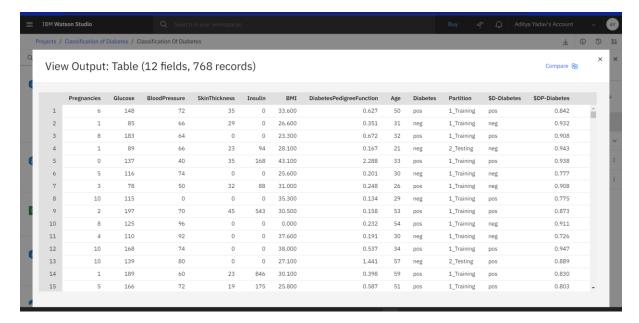
Perform again for discriminant model



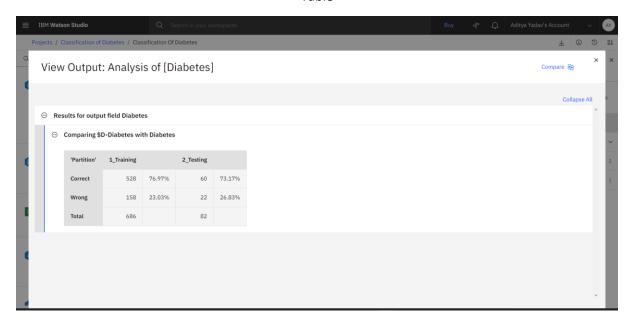
View model



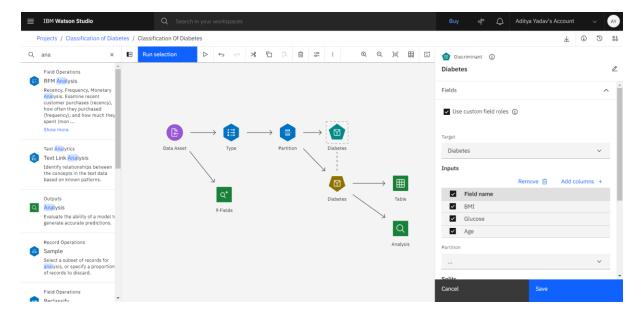
Create output in form of table and analysis form



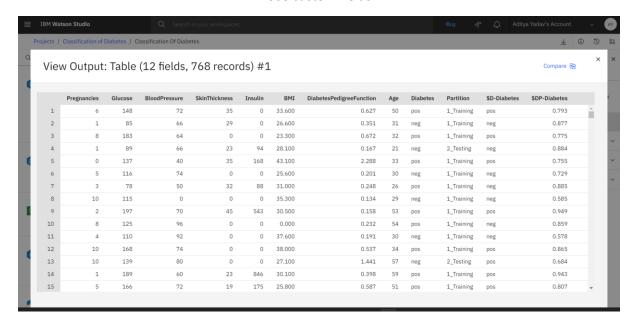
Table



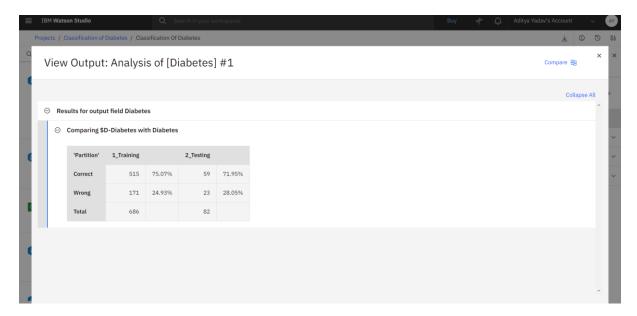
Analysis



Use custom fields



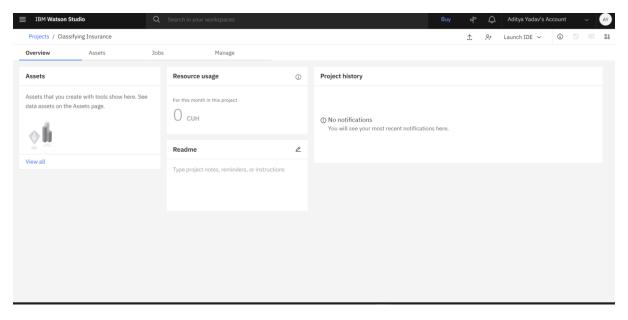
After custom input



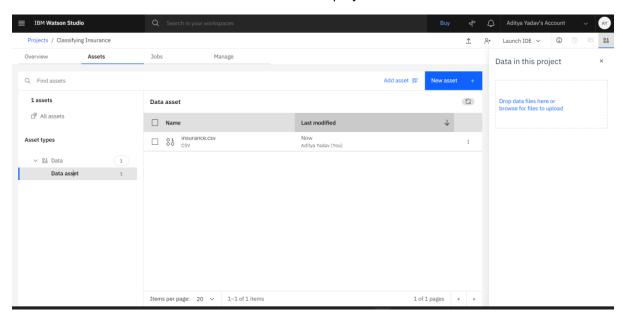
After custom input

Dataset: Insurance.csv

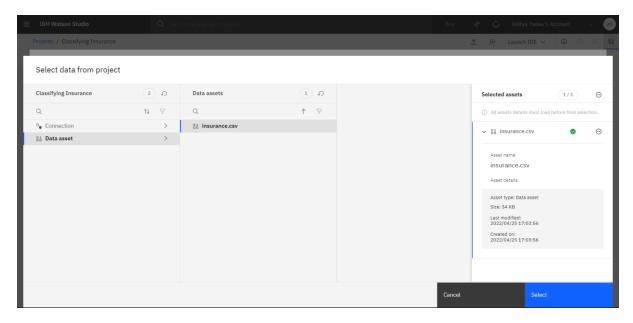
Link to Dashboard: https://dataplatform.cloud.ibm.com/projects/04d013ce-26a3-40b3-be32-306ac7004ed6/assets?context=cpdaas



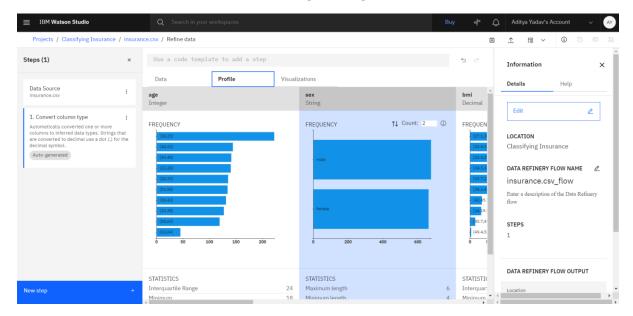
Create a new project



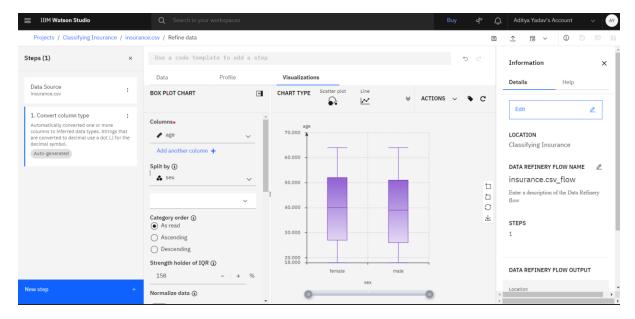
Upload dataset



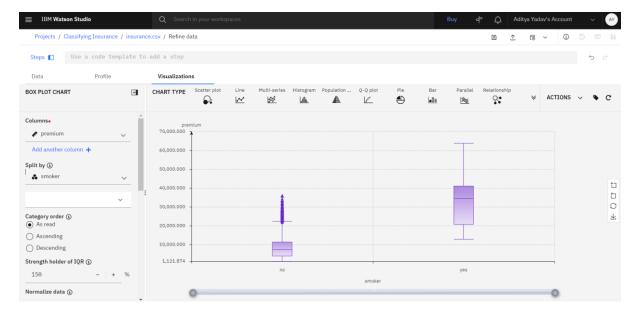
Go for data refining for the given dataset



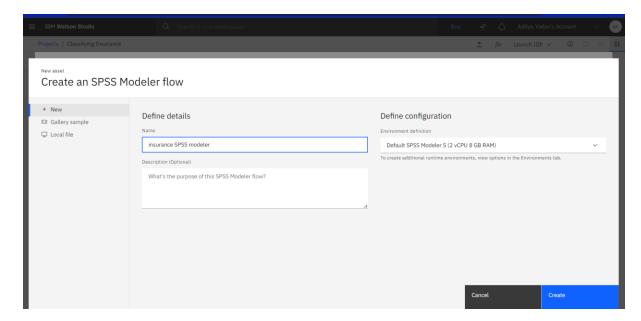
Profile for dataset



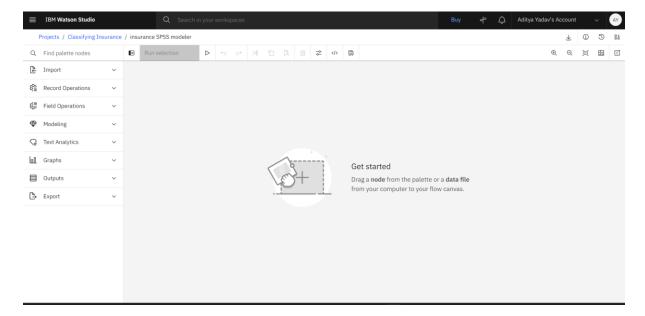
Visualize the data



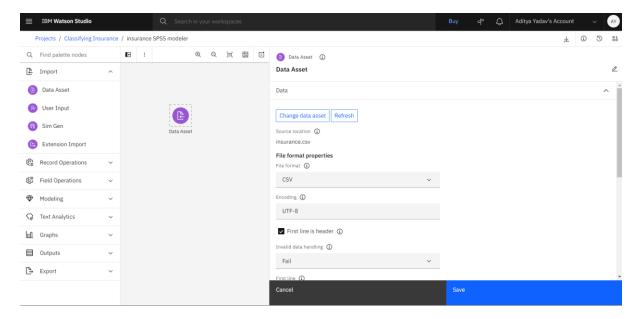
Visualize with other parameters



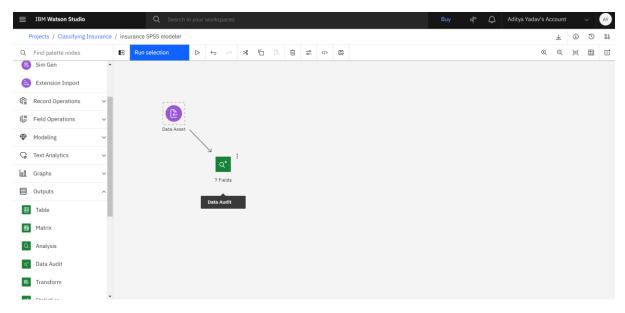
Create a SPSS modeler



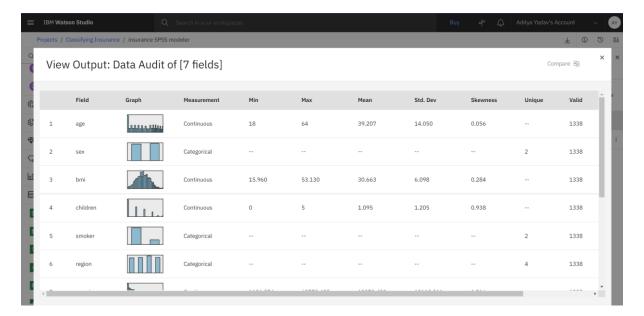
Workspace



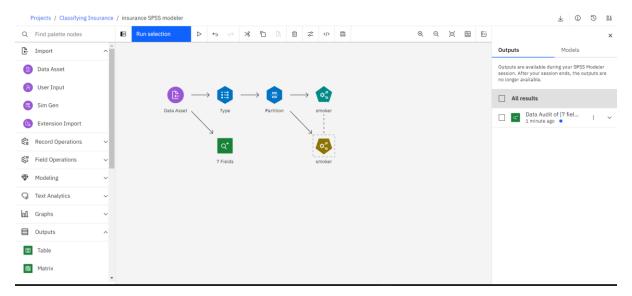
Import data asset and connect dataset to it



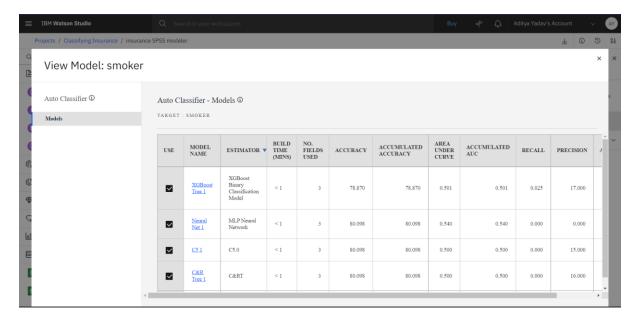
Connect data audit to data asset and run model



Data Audit output



Auto Classifier model



View model

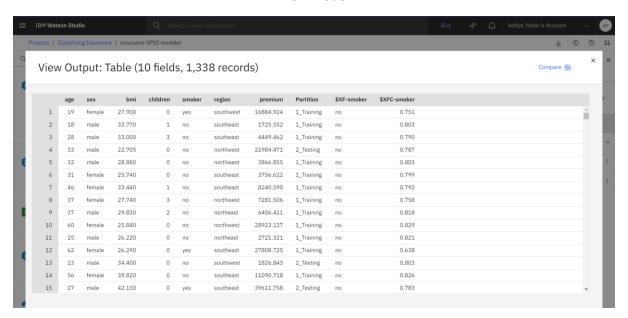
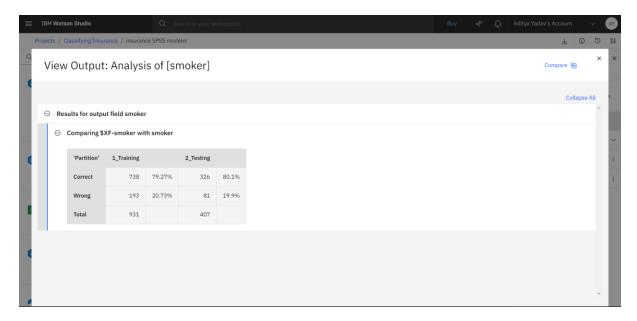


Table output



Analysis output