ASSESSMENTS OF DATA ANALYTICS
UJJAWAL WORKSPACE

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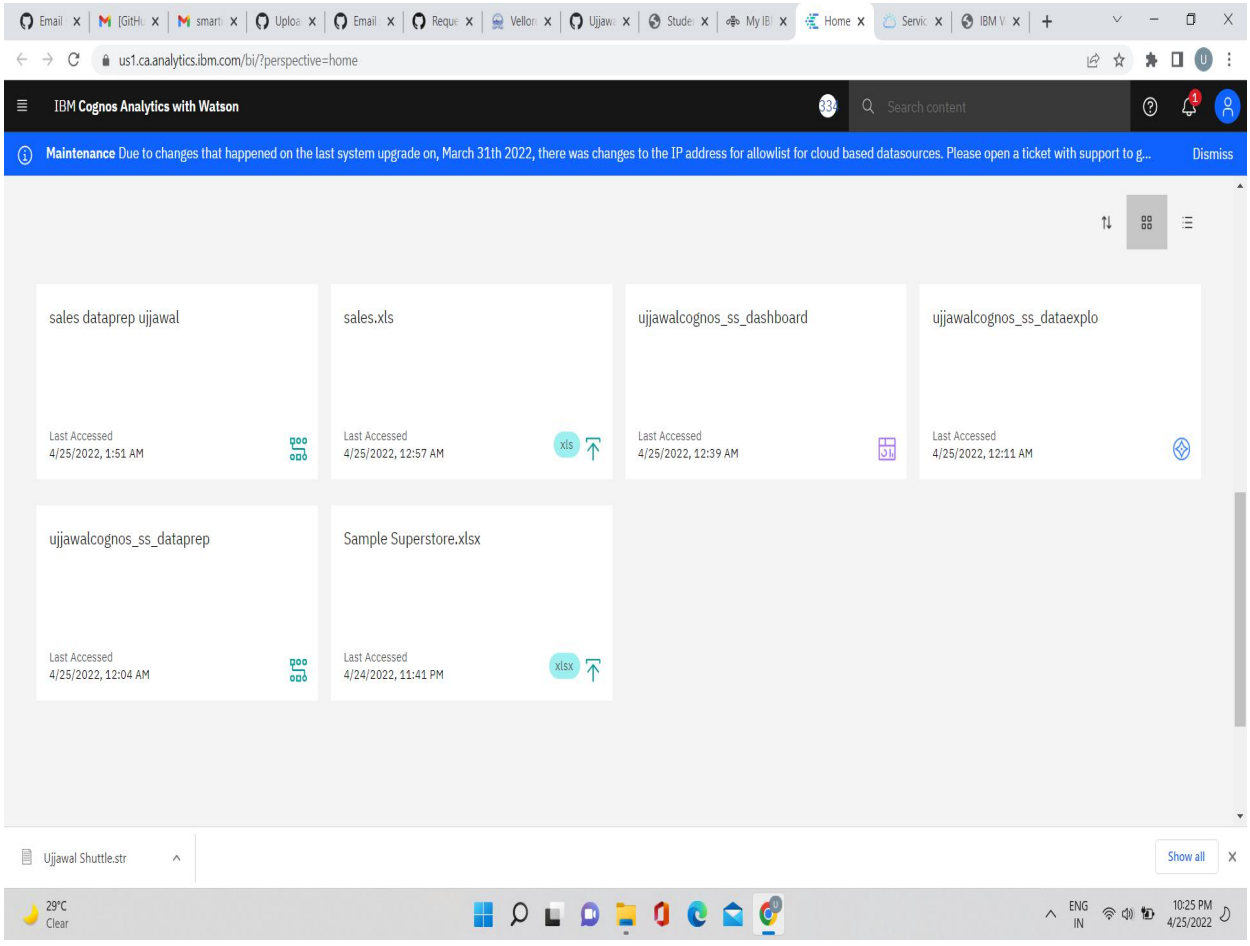
VIT VELLORE

Assignment -1
Cognos data analysis :

LINKS FOR COGNOS WORKS:-

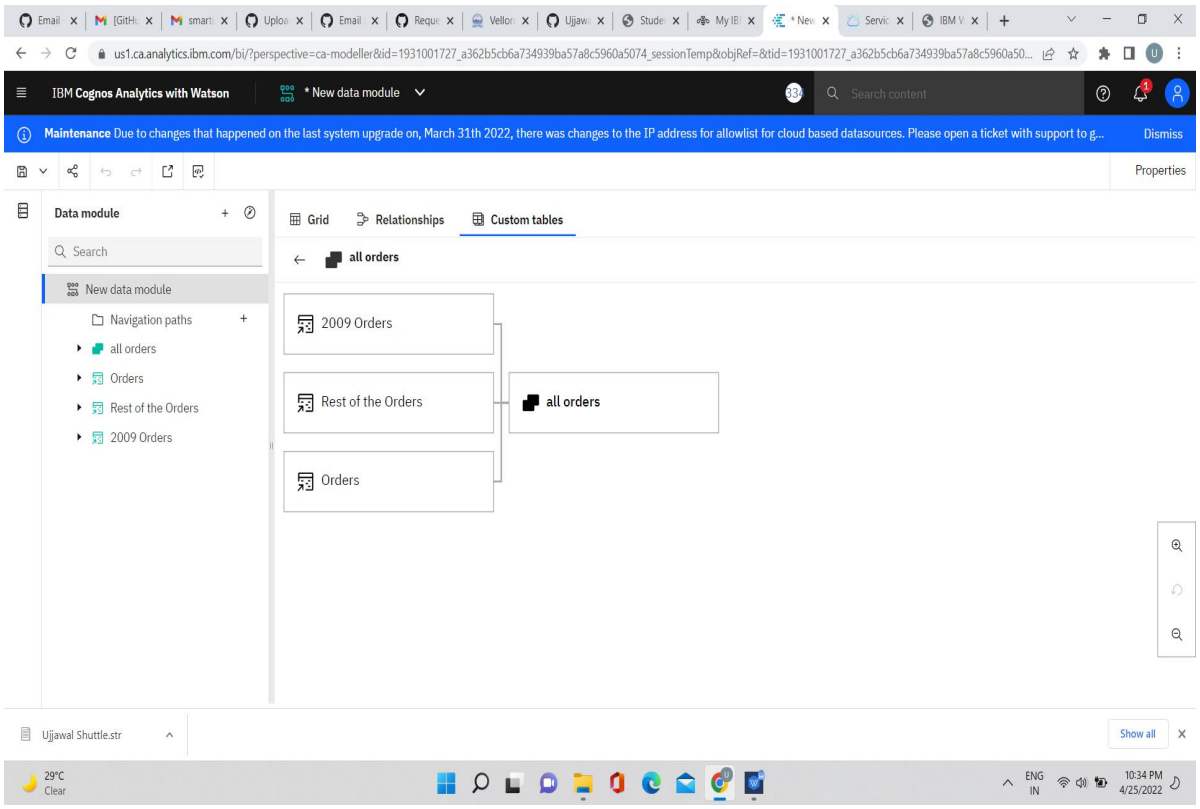


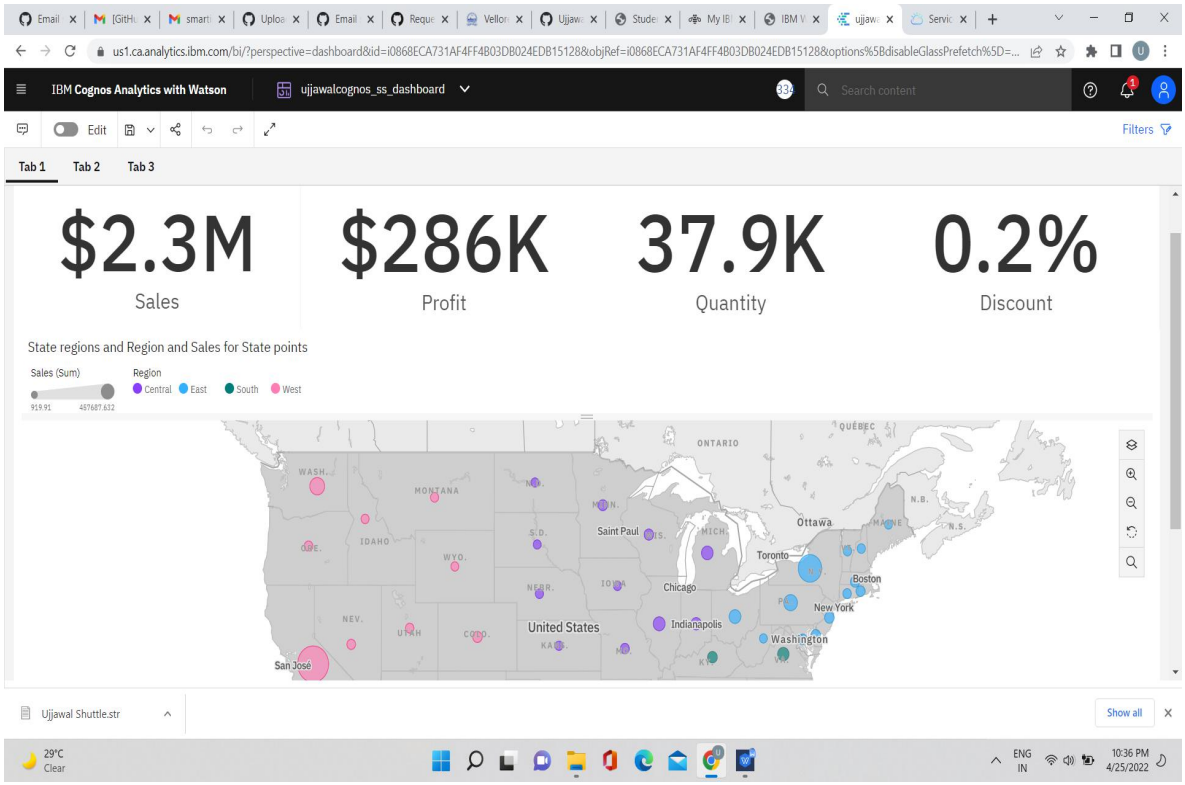
Sample superstore dataprep:-
https://us1.ca.analytics.ibm.com/bi/?perspective=ca-modeller&pathRef=.my_folders%2Fujjawalcognos_ss_dataprep

Sample superstore dataexplo:-
https://us1.ca.analytics.ibm.com/bi/?perspective=explore&pathRef=.my_folders%2Fujjawalcognos_ss_dataexplo

Sample superstore dashboard:-
https://us1.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRef=.my_folders%2Fujjawalcognos_ss_dashboard&action=view&mode=dashboard

Union of 3 sales table :



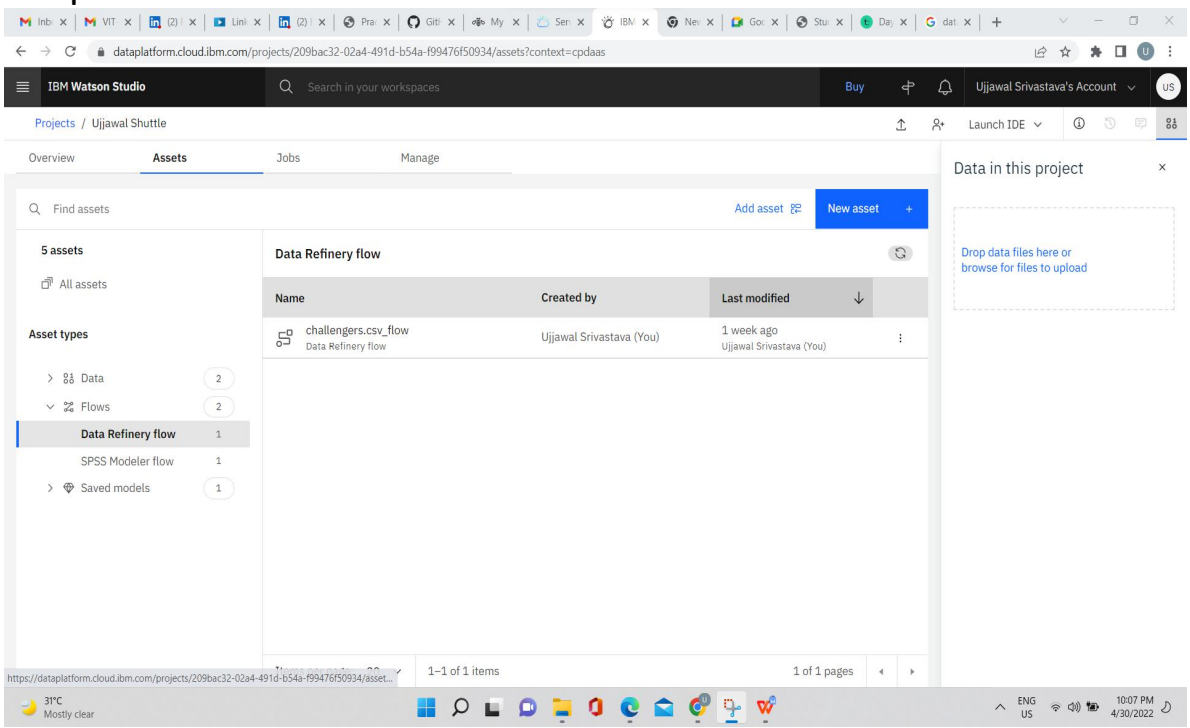


Assignment 2

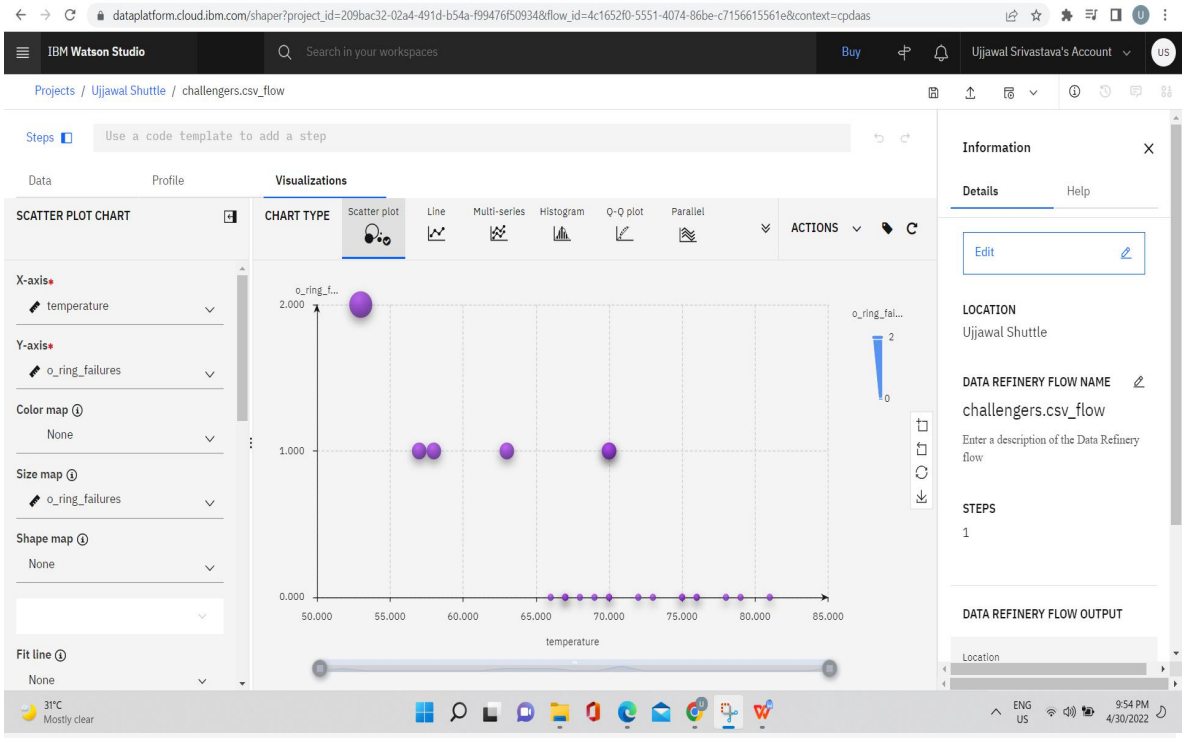
Challengers.csv space shuttle use case :-

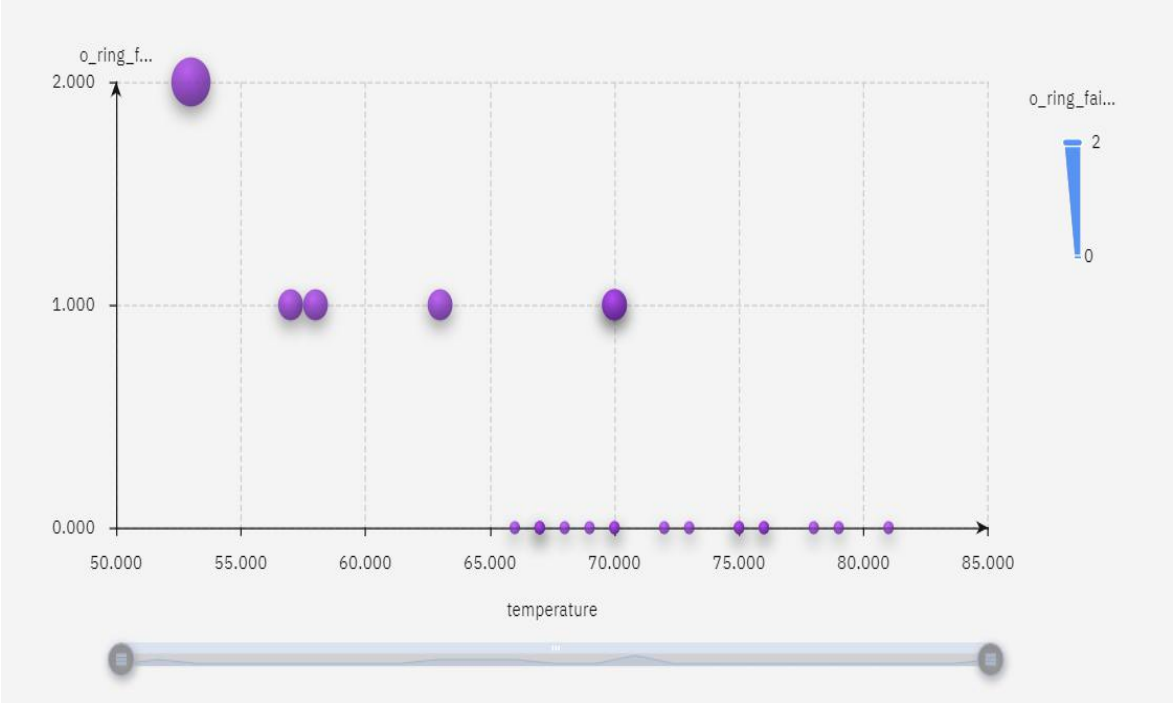
data refining :-

Output of visualization

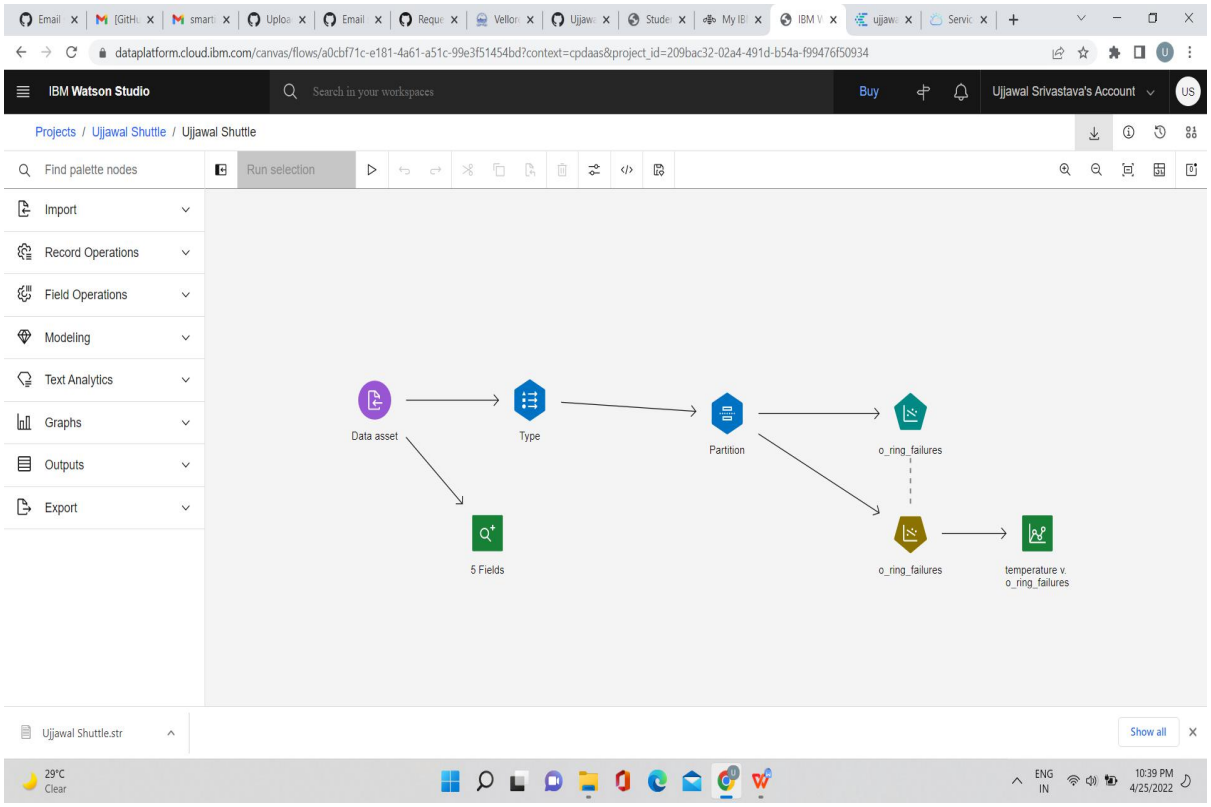


Output of visualization





Here we are applying regression model on dataset which gives output and then that output is later viewed using plot temperature vs o_ring_failure graph

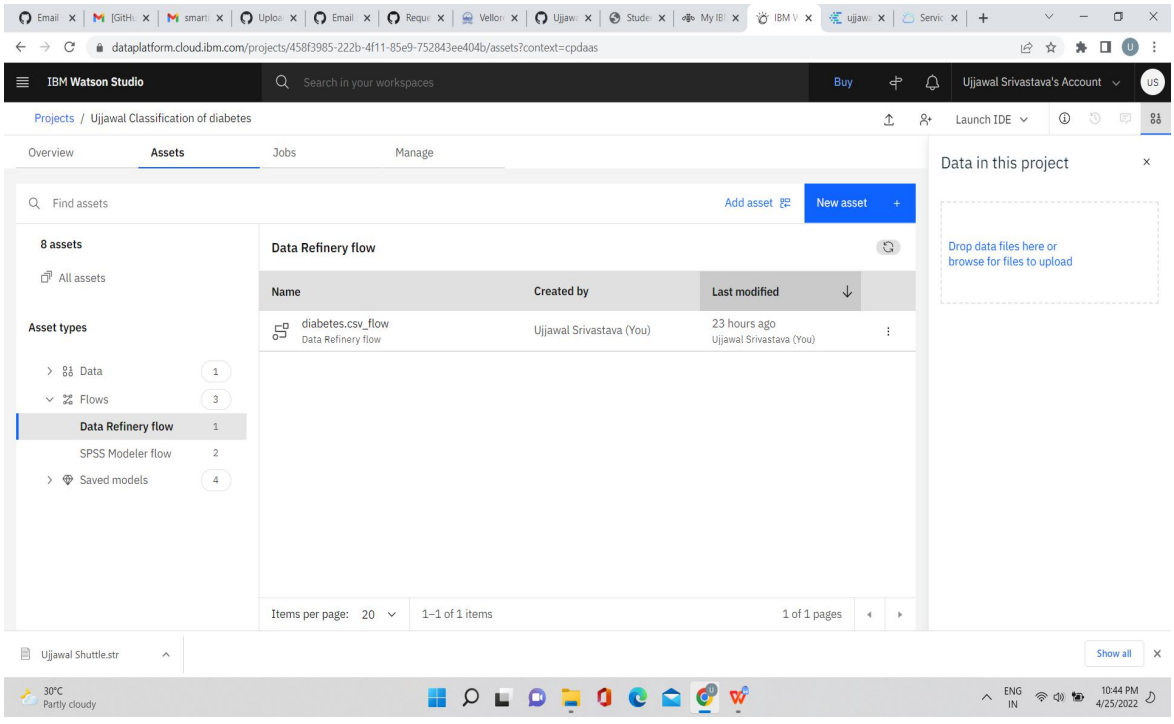


ASSIGNMENT 3

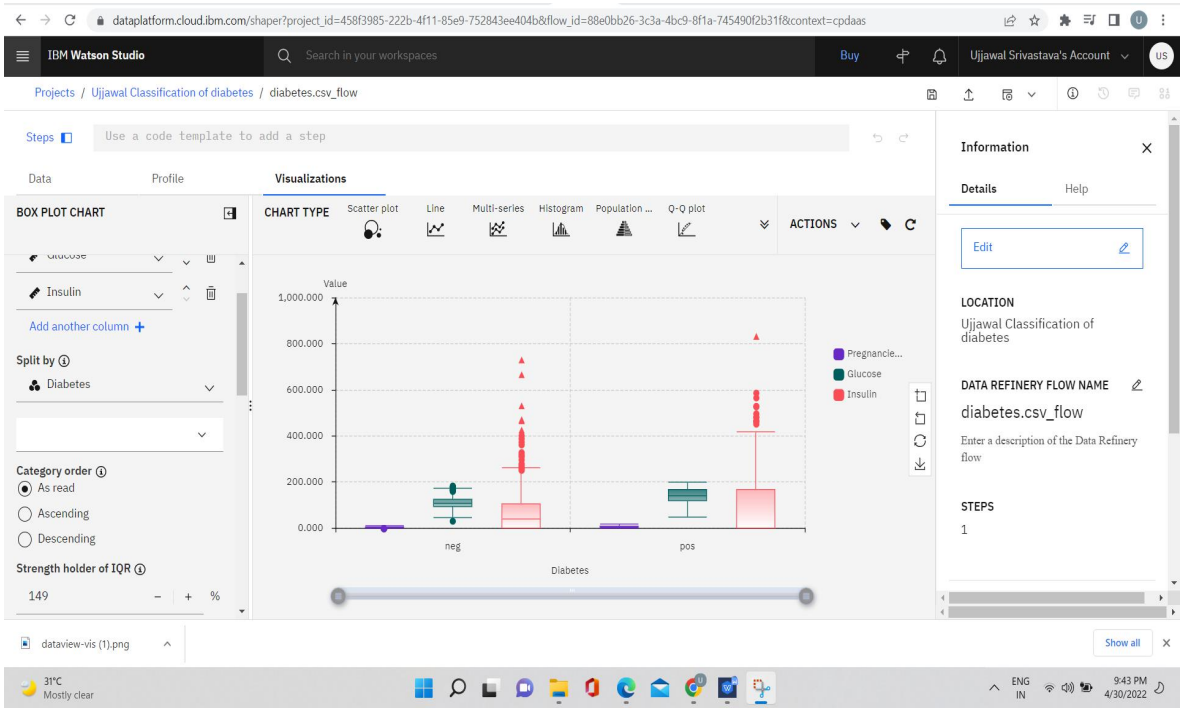
Diabetes.csv diabetes patient use case study:

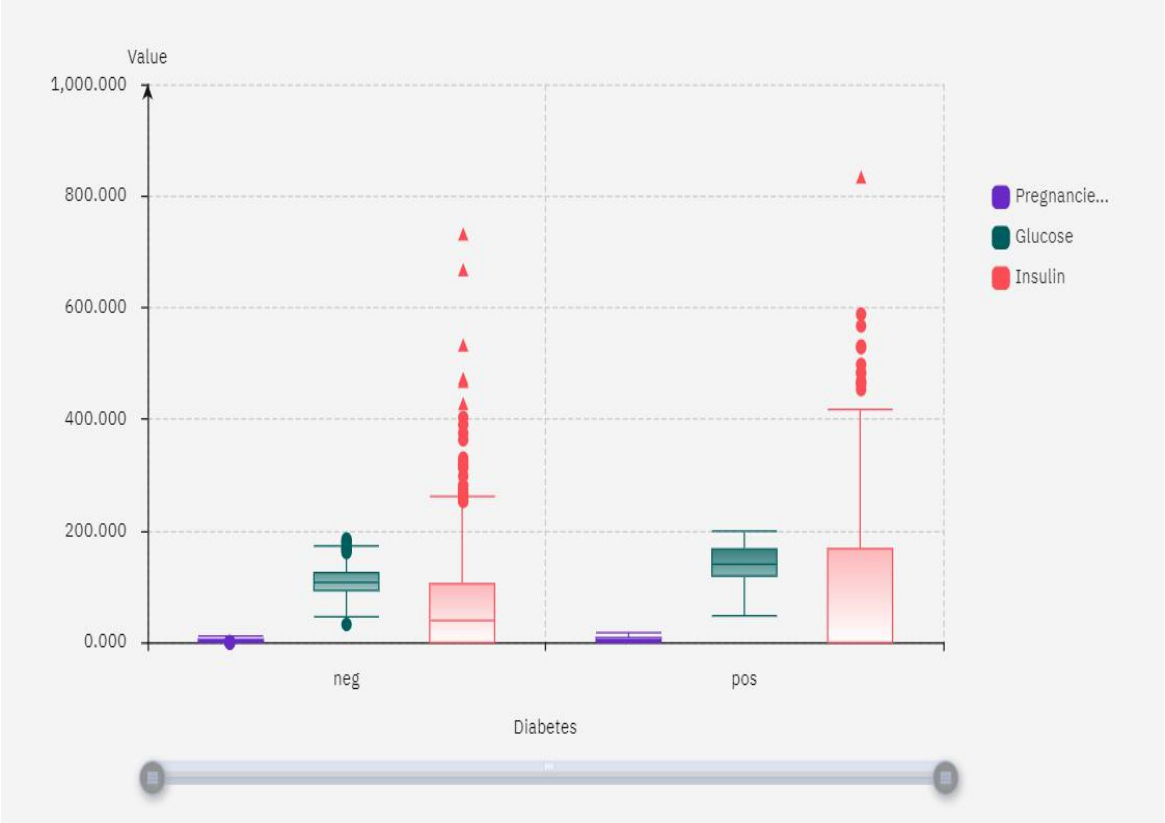
REFINING OF DATA SET

OUTPUT OF VISUALIZATION

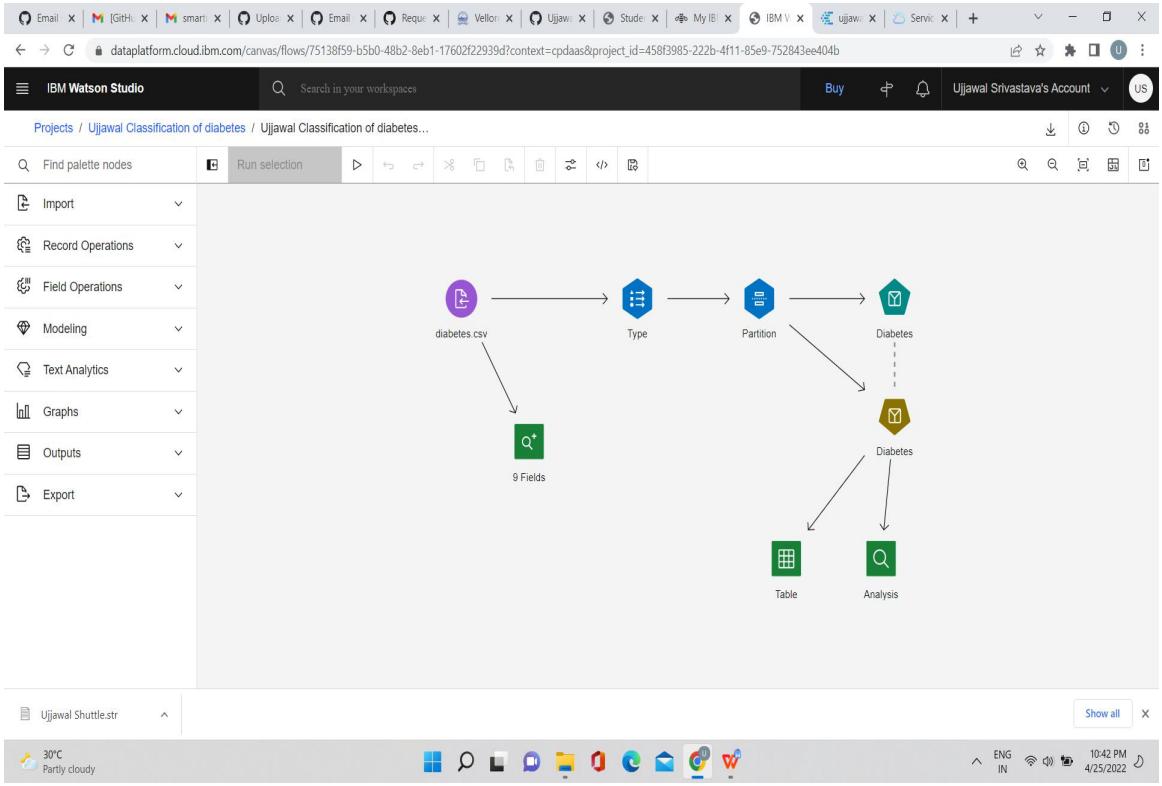


OUTPUT OF VISUALIZATION



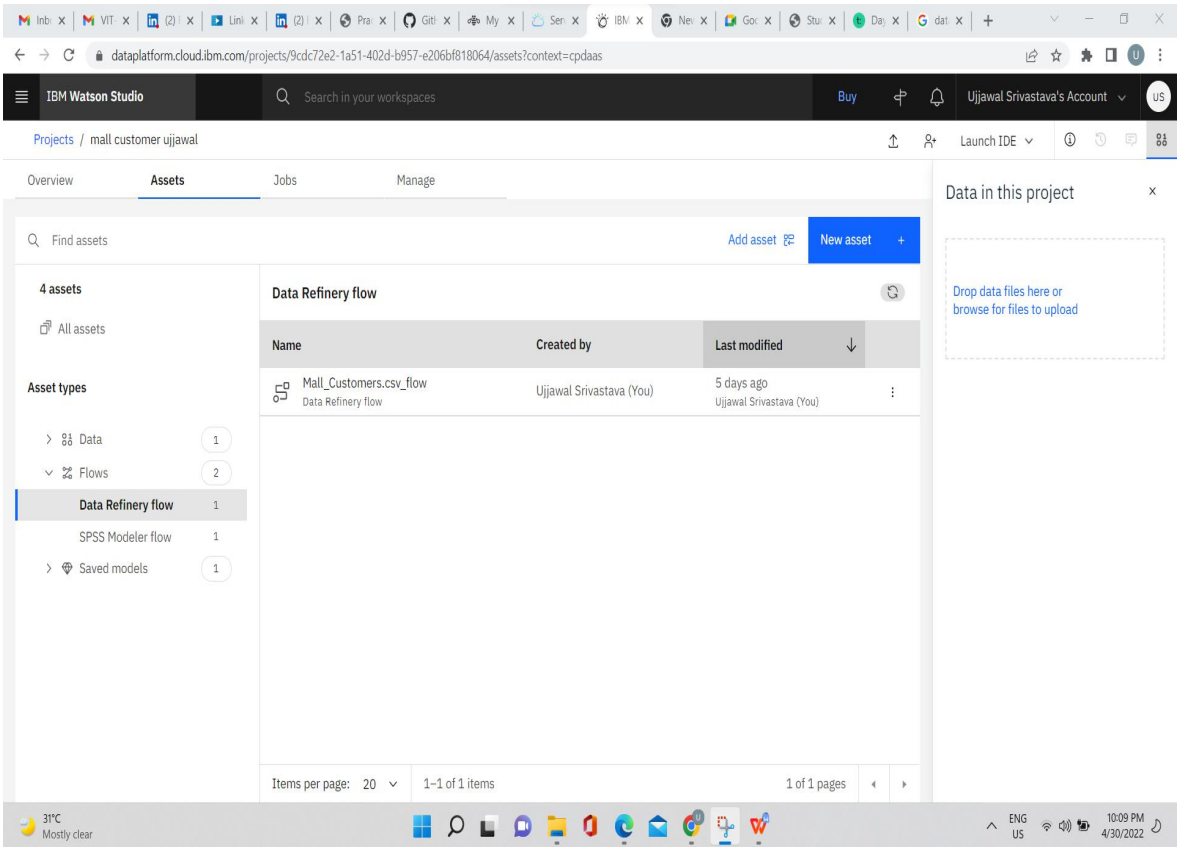


First I have used auto classifier and compare output of all classifiers , then adjust the partition parameter and then again run the auto classifier model .
After all these I got in the conclusion that deterministic model gives the maximum accuracy on this dataset
So this image represents the deterministic model diagram

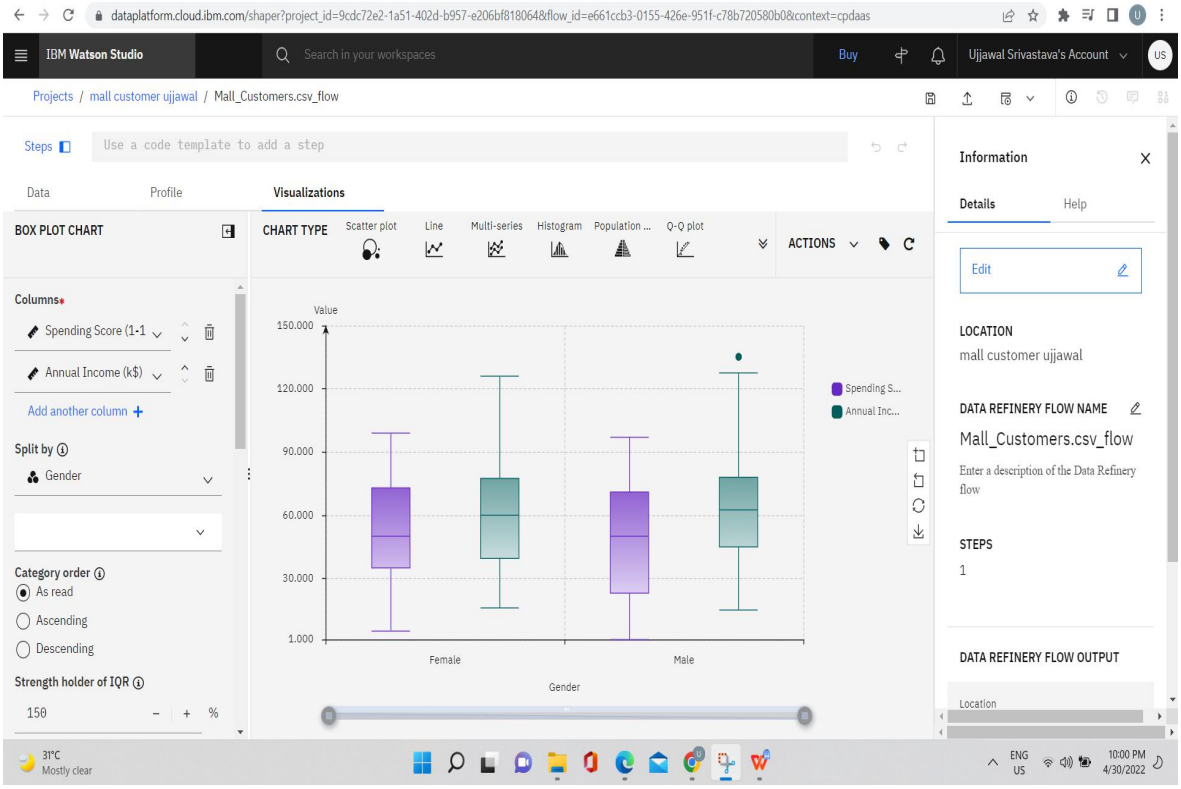


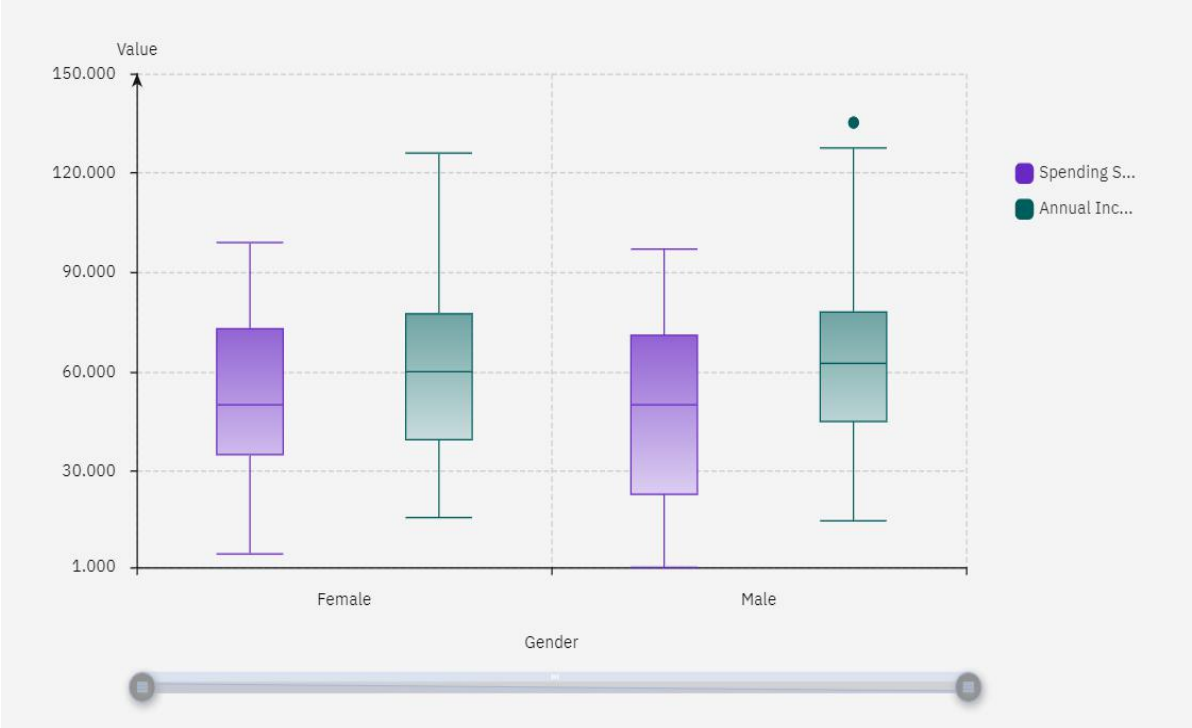
Assignment 4

Mall customers use case :-
Data refining :
Output of visualization

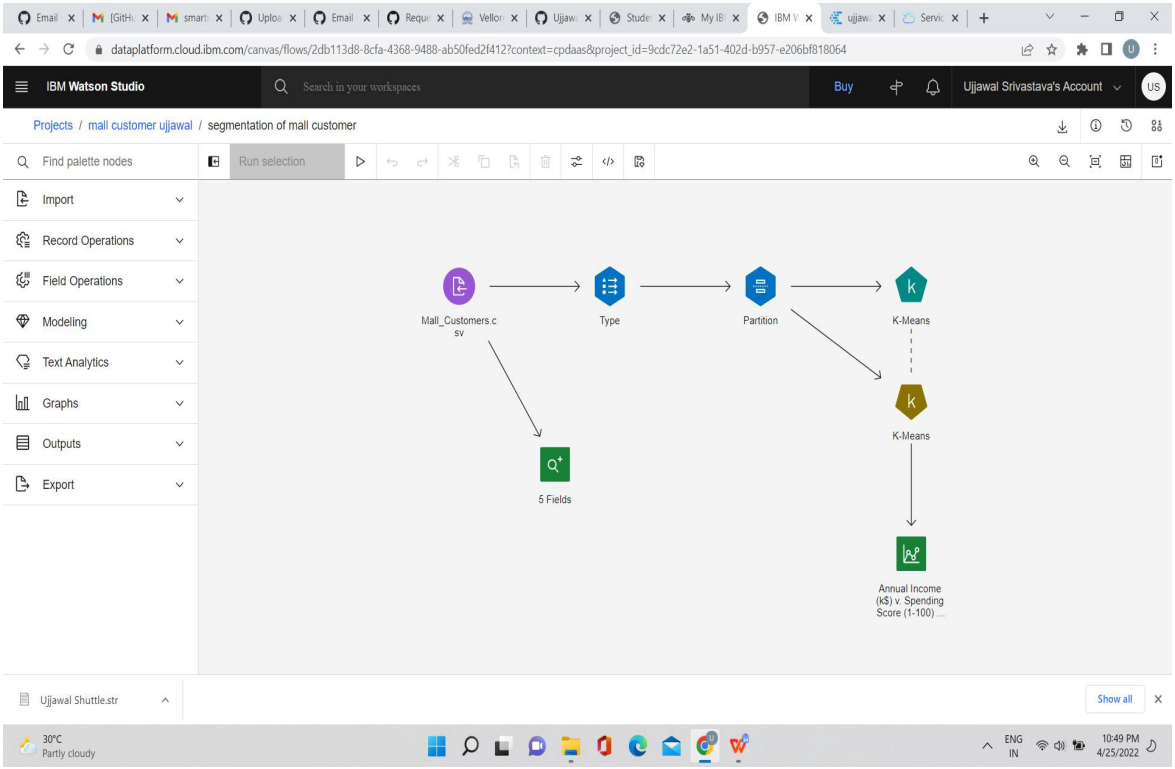


Output of visualization





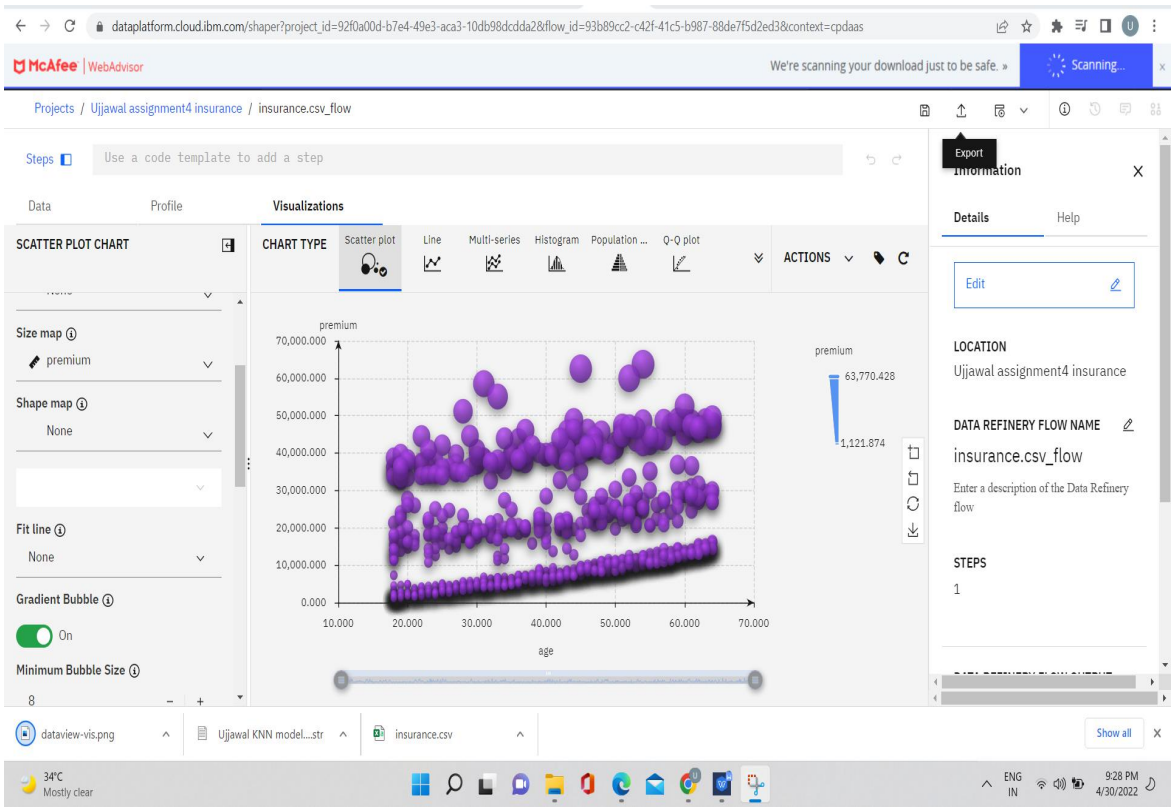
Here we used K-Means of cluster modeling
And plotted 3-D graph



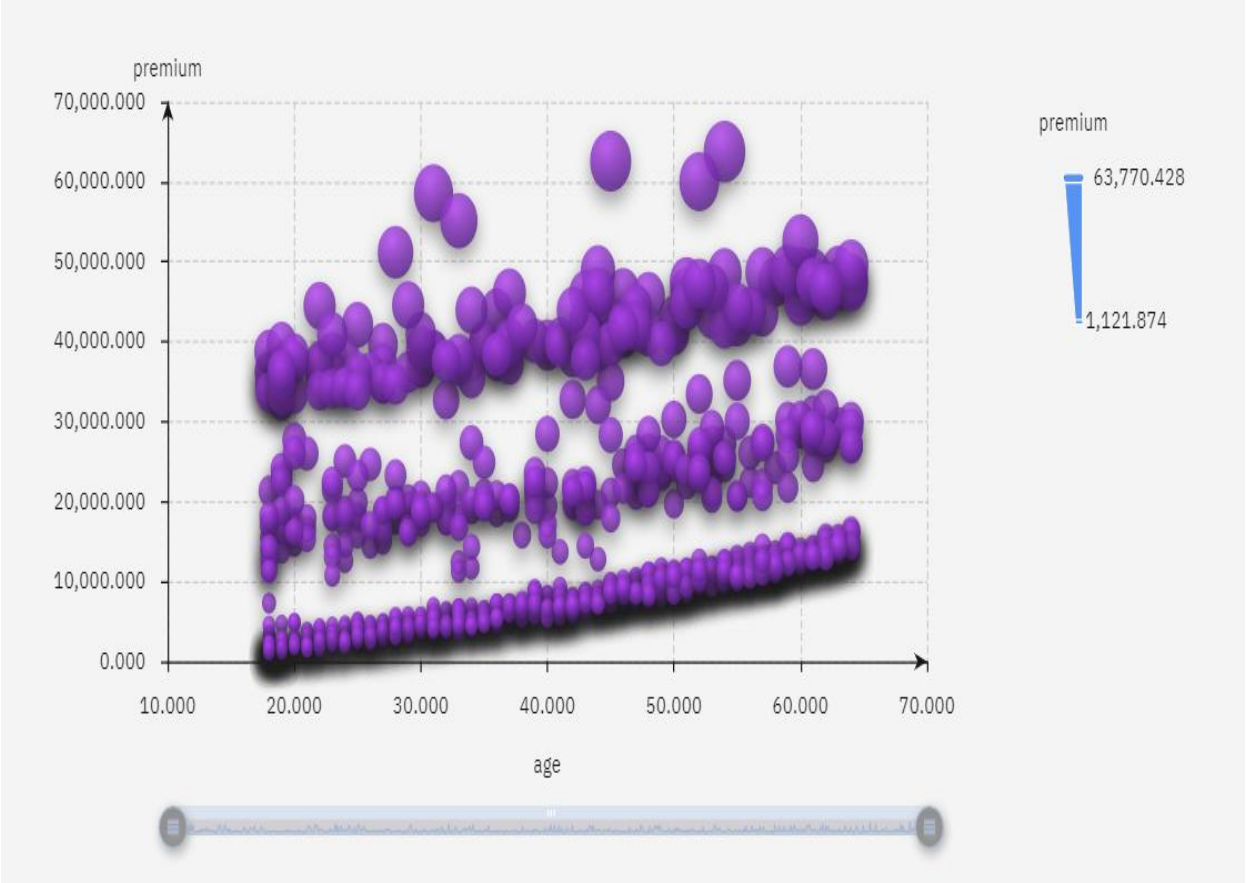
ASSIGNMENT 4

INSURANCE DATASET :

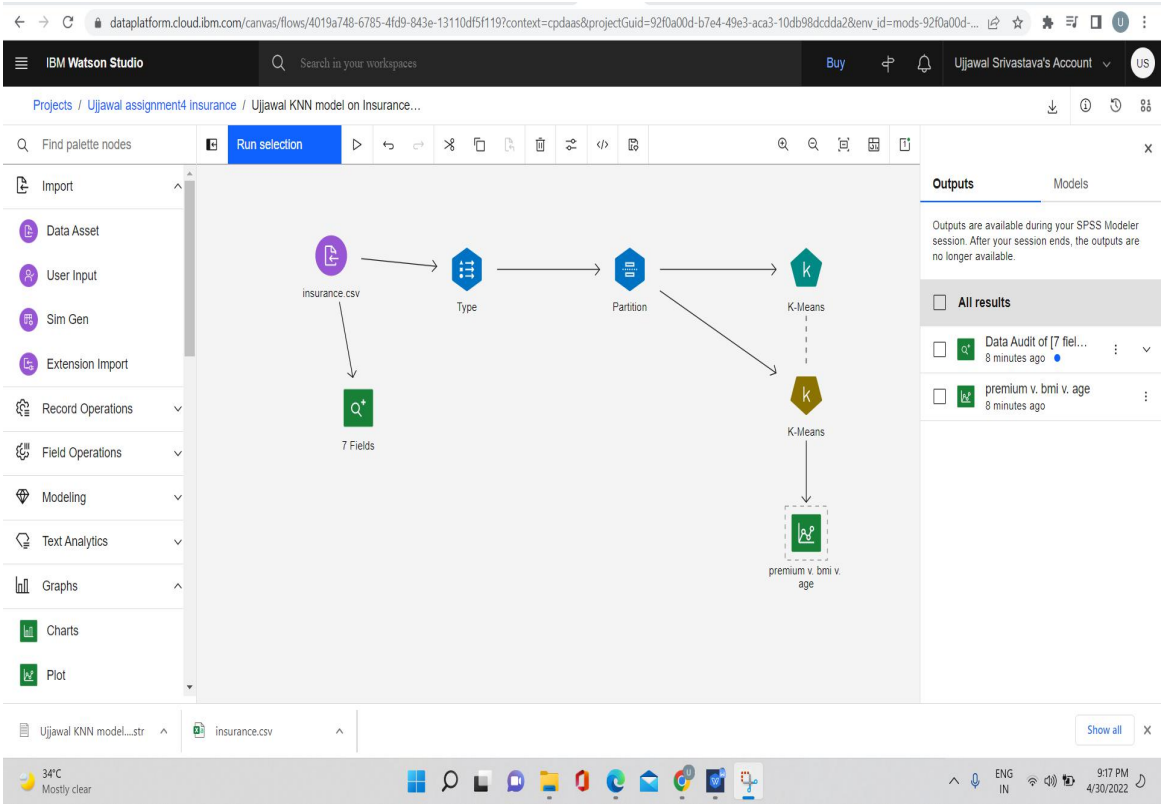
REFINING OF DATA :



This is age vs premium graph (we can change the type of graph as well as field of graph to analyze all the aspects of dataset)



BUILDING CLUSTER DATA MODEL USING K MEAN :



CLUSTER GRAPH OUTPUT :-