Assignment-4

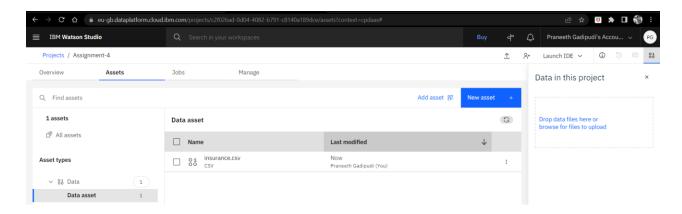
Name: G. Naga Sai Praneeth

Regd:19MIM10044

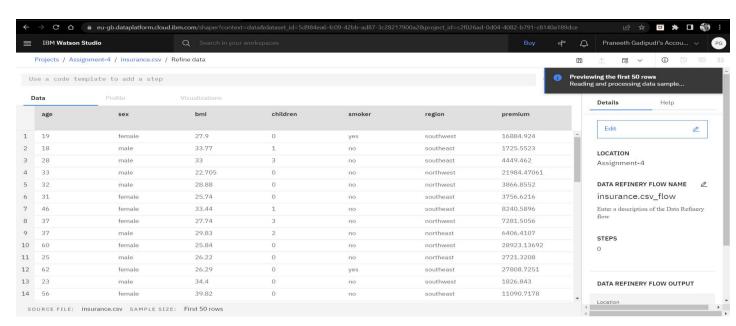
Clustering: Analysis of Medical Premium Charges for Insurance

Dataset: insurance.csv

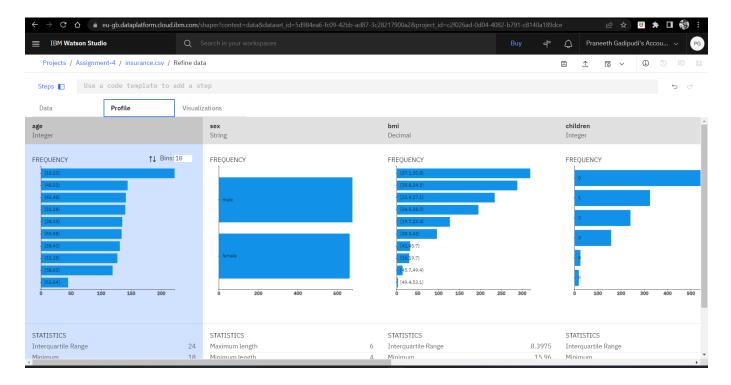
Adding the dataset to the project



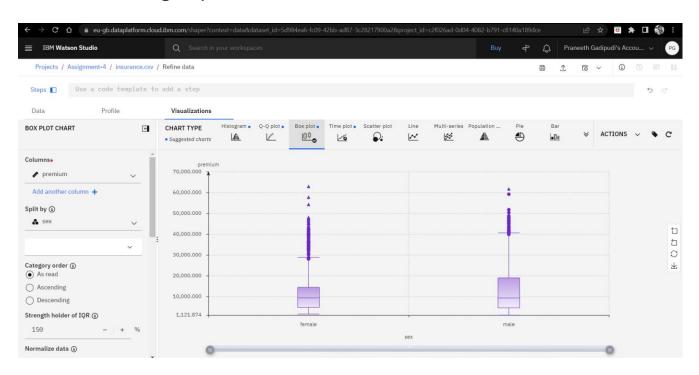
Data Refinery



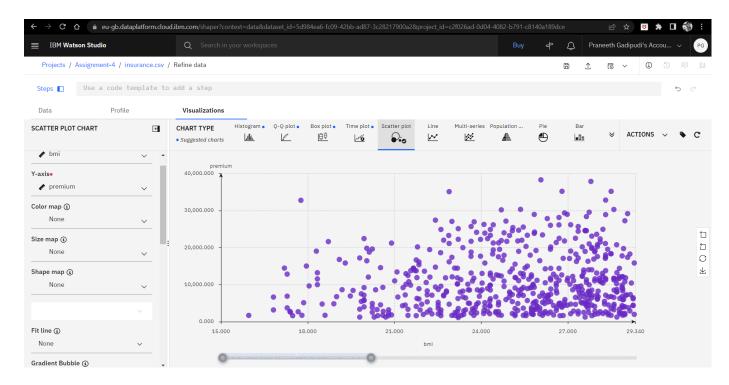
Profile:



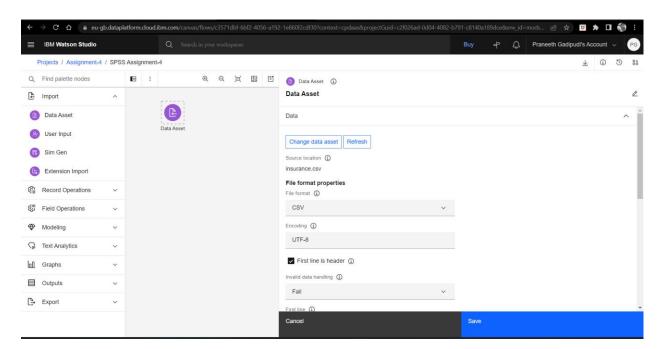
Visualization: Viewing Boxplot of Sex vs Premium



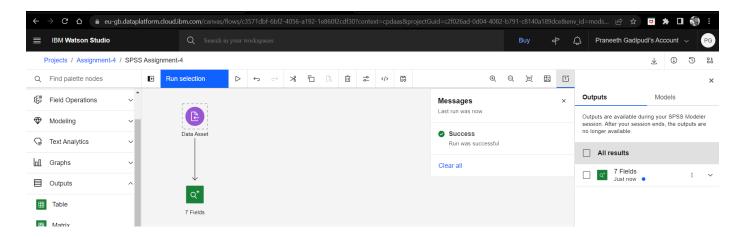
Scatterplot of BMI vs Premium:



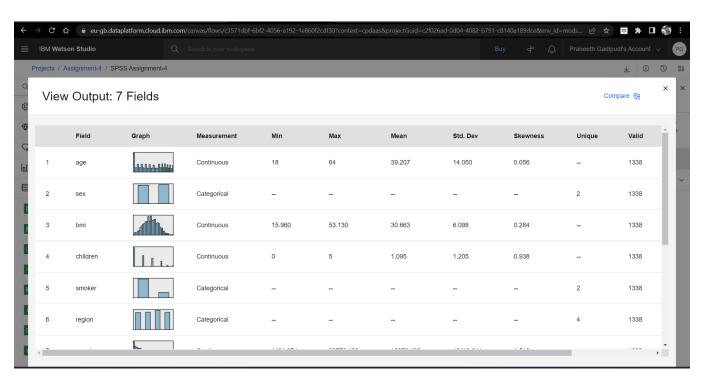
Creating an SPSS Modeler and uploading the dataset:



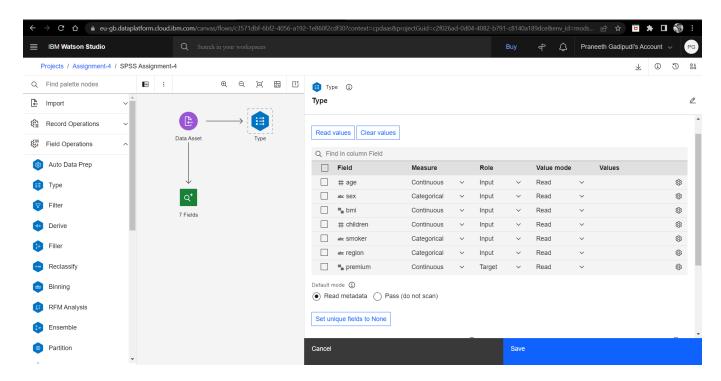
Data Audit:



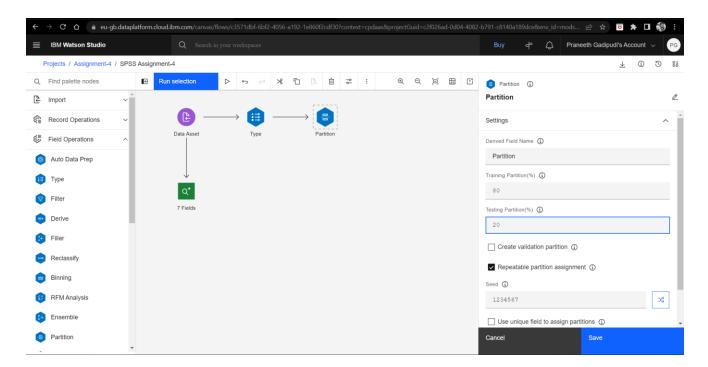
Data Audit output:



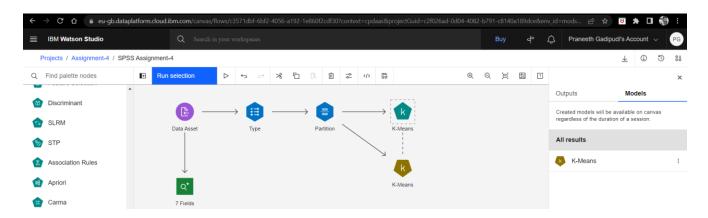
Type Node:



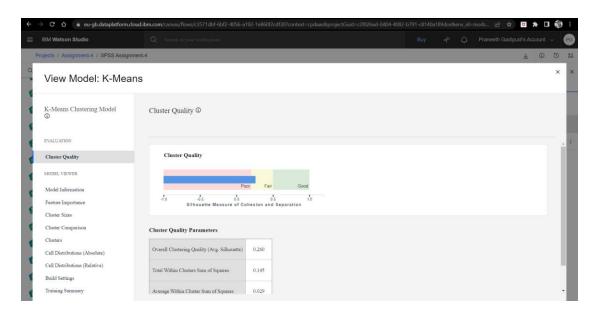
Partition Node:

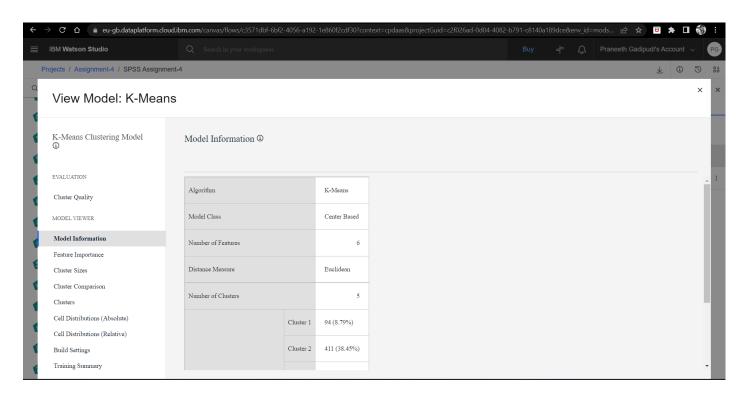


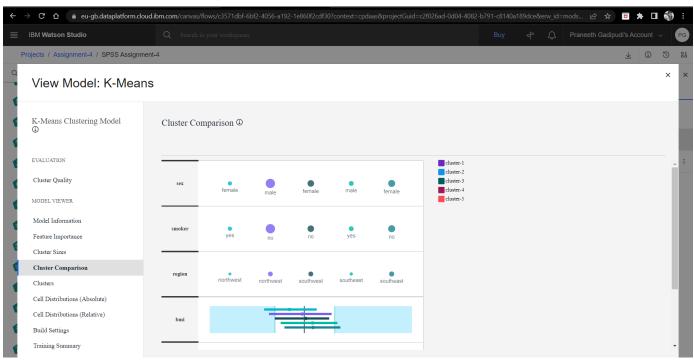
K-Means Cluster Model:



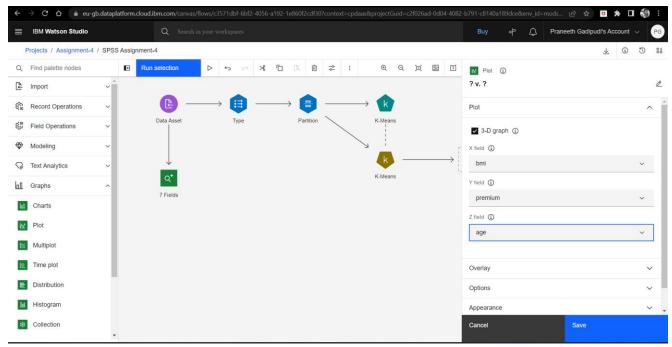
K-means Output:



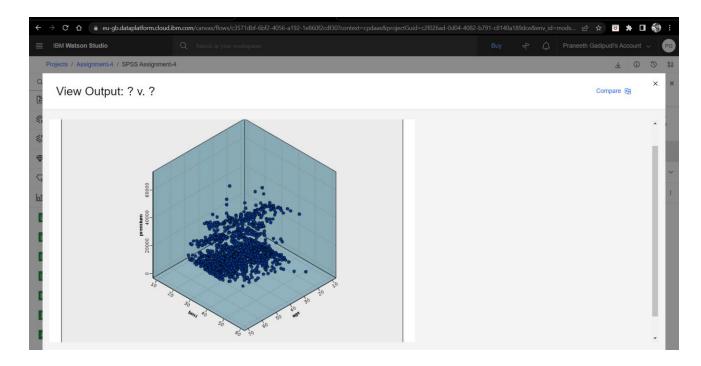




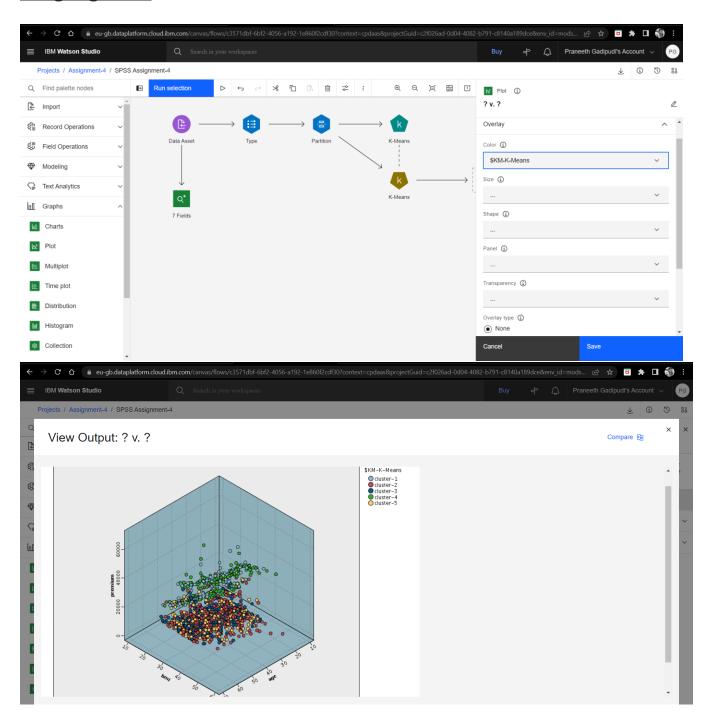
Plot Node:



Output:



Assigning Color:



Cluster =3:

