DATA ANALYTICS

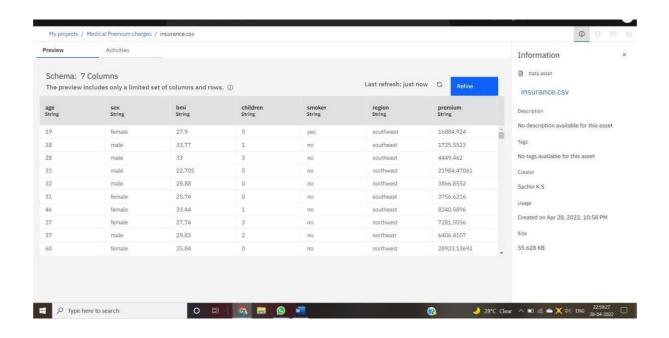
ASSIGNMENT-4

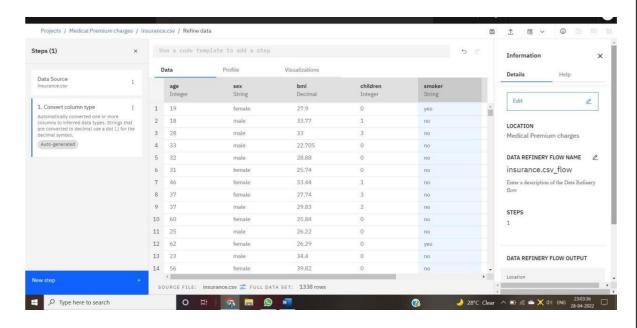
VIT-VELLORE CAMPUS

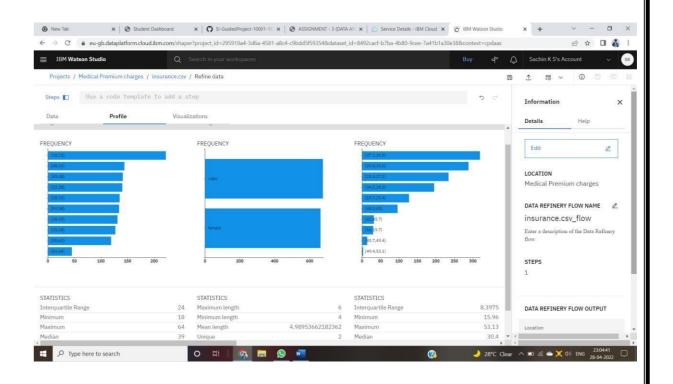
NAME: SANJAY S

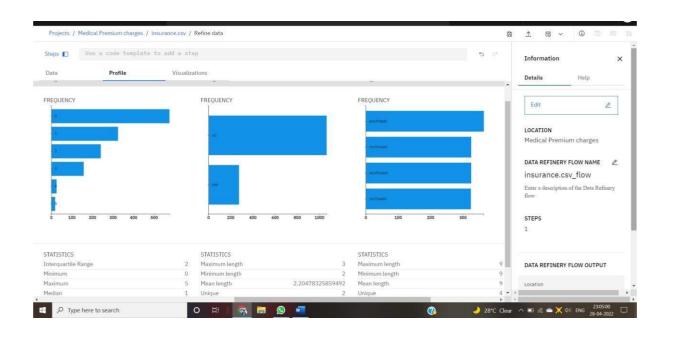
REG.NO: 19BEC0620

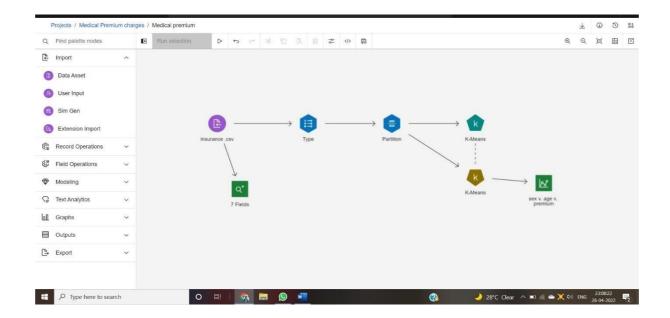
CLUSTERING MEDICAL PREMIUM CHARGES







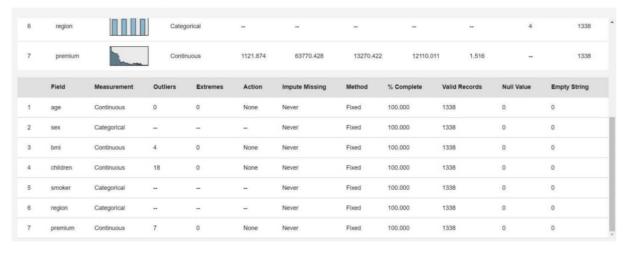


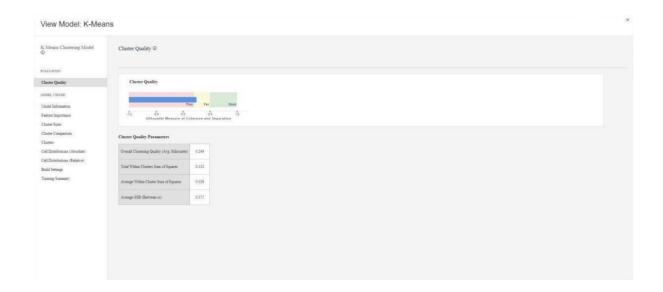


View Output: Data Audit of [7 fields]

	Field	Graph	Measurement	Min	Max	Mean	Std. Dev	Skewness	Unique	Valid
1	age		Continuous	18	64	39.207	14.050	0.056	-	1338
2	sex		Categorical	-	-	-	-	-	2	1338
3	bmi		Continuous	15.960	53.130	30.663	6.098	0.284	-	1338
4	children		Continuous	0	5	1.095	1.205	0.938	-	1338
5	smoker		Categorical	-	-	-	-	-	2	1338
6	region		Categorical	-	-	-	-	-	4	1338

View Output: Data Audit of [7 fields]





>

View Model: K-Means

Cluster Quality MODEL VIEWER

Model Information
Fental Importance
Cluster Science
Cluster Science
Cluster Companion
Cluster
Coll Dembediese (Absolute)
Cell Dembediese (Editory)
Build Sentage
Training Summery

Algorithm	K-Means		
Model Clara	Center Based		
Number of Features	7		
Distance Measure	Euclidean		
Number of Clusters		- 3	
	Chater 1	81 (8.7%)	
	Cluster 2	368 (39.53%)	
Number of instances in each cluster	Cluster 3	112 (12.09%)	
	Cluster 4	190 (20.41%)	
	Cluster 5	180 (19.33%)	
Ratio of sizes (Largest to smallest)	4.543		

View Model: K-Means

K-Means Clustering Model

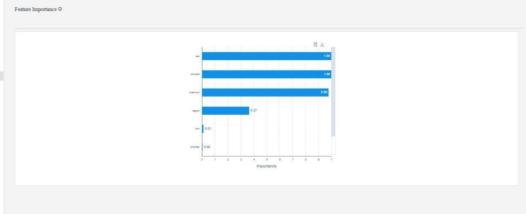
EVALUATION

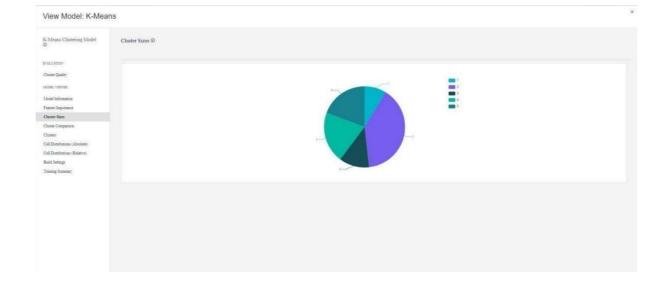
Cluster Quality

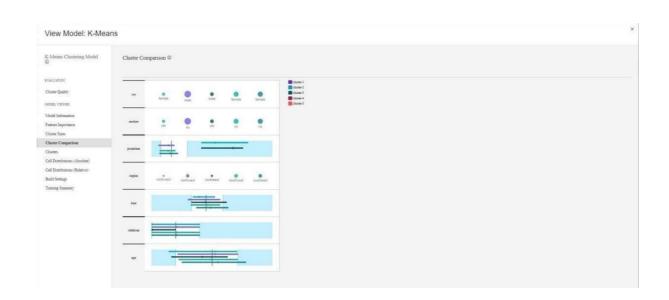
Claire Quality
MODEL VIEWER

Model Information

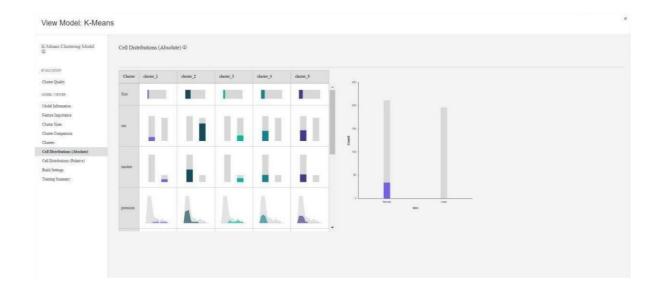
Fasture Empertures
Claire Sizes
Claire Comparison
Claires
Claires
Odl Distributions (Palaires)
Build Ferring
Training Summary











View Model: K-Means

