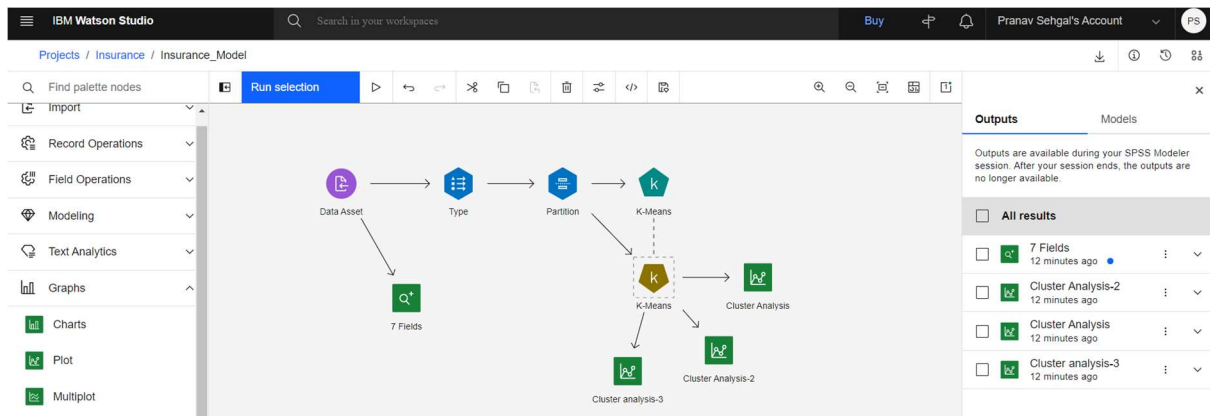


NAME: Pranav Sehgal

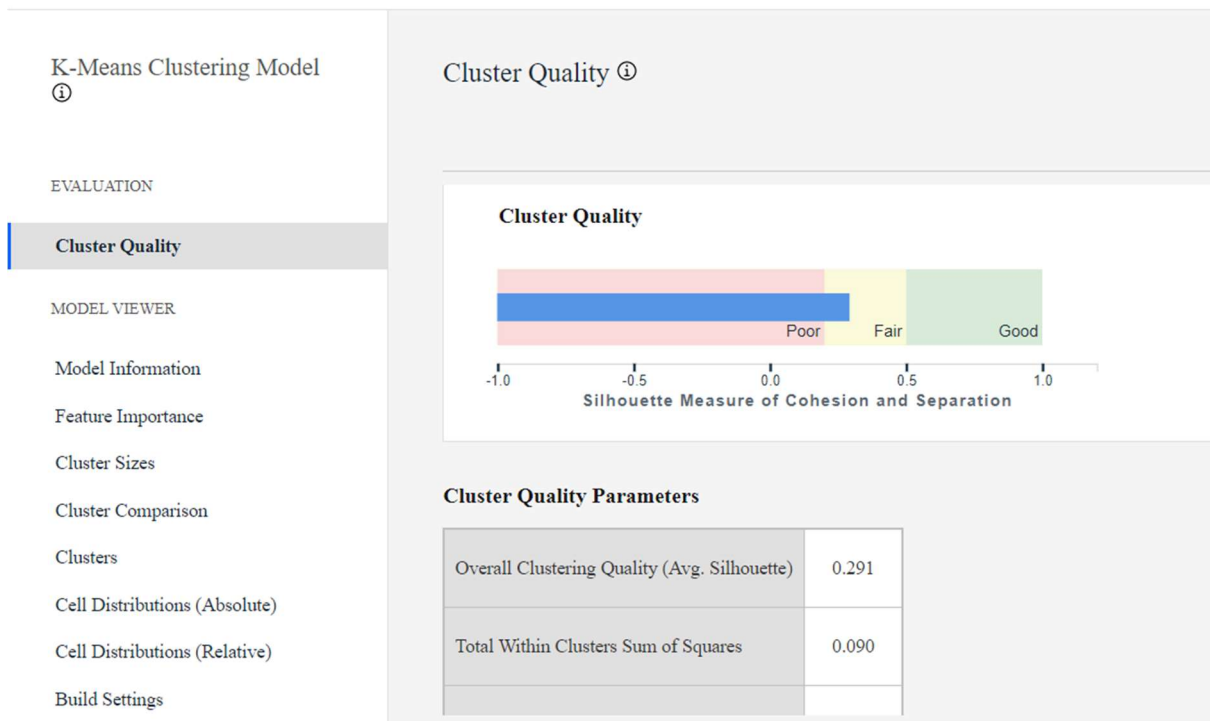
Registration Number: 20BCE0898

E-mail Id: pranav.sehgal2020@vitstudent.ac.in

ASSIGNMENT-4



View Model: K-Means



View Model: K-Means

K-Means Clustering Model ⓘ

EVALUATION

Cluster Quality

MODEL VIEWER

Model Information

Feature Importance

Cluster Sizes

Cluster Comparison

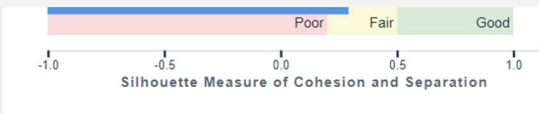
Clusters

Cell Distributions (Absolute)

Cell Distributions (Relative)

Build Settings

Cluster Quality ⓘ



Silhouette Measure of Cohesion and Separation

Cluster Quality Parameters

Overall Clustering Quality (Avg. Silhouette)	0.291
Total Within Clusters Sum of Squares	0.090
Average Within Cluster Sum of Squares	0.023
Average SSB (Between ss)	0.084

View Model: K-Means

K-Means Clustering Model ⓘ

EVALUATION

Cluster Quality

MODEL VIEWER

Model Information

Feature Importance

Cluster Sizes

Cluster Comparison

Clusters

Cell Distributions (Absolute)

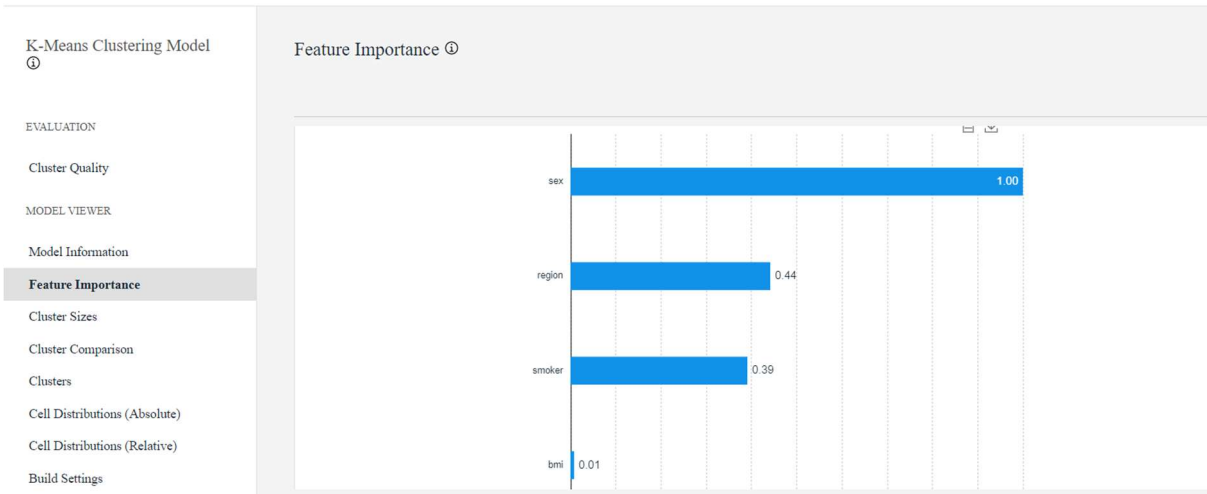
Cell Distributions (Relative)

Build Settings

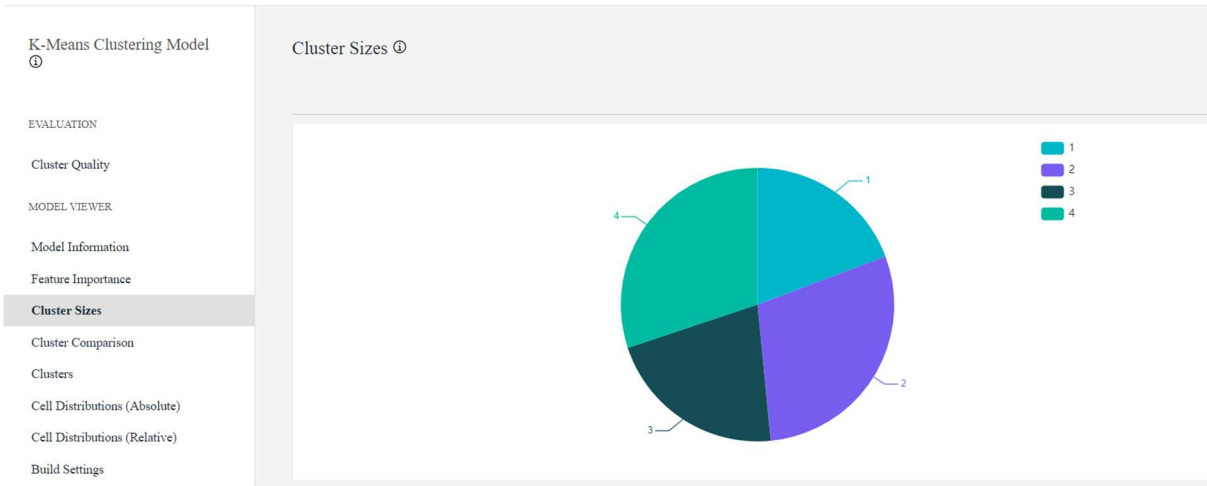
Model Information ⓘ

Algorithm	K-Means	
Model Class	Center Based	
Number of Features	4	
Distance Measure	Euclidean	
Number of Clusters	4	
	Cluster 1	206 (19.27%)
	Cluster 2	312 (29.19%)

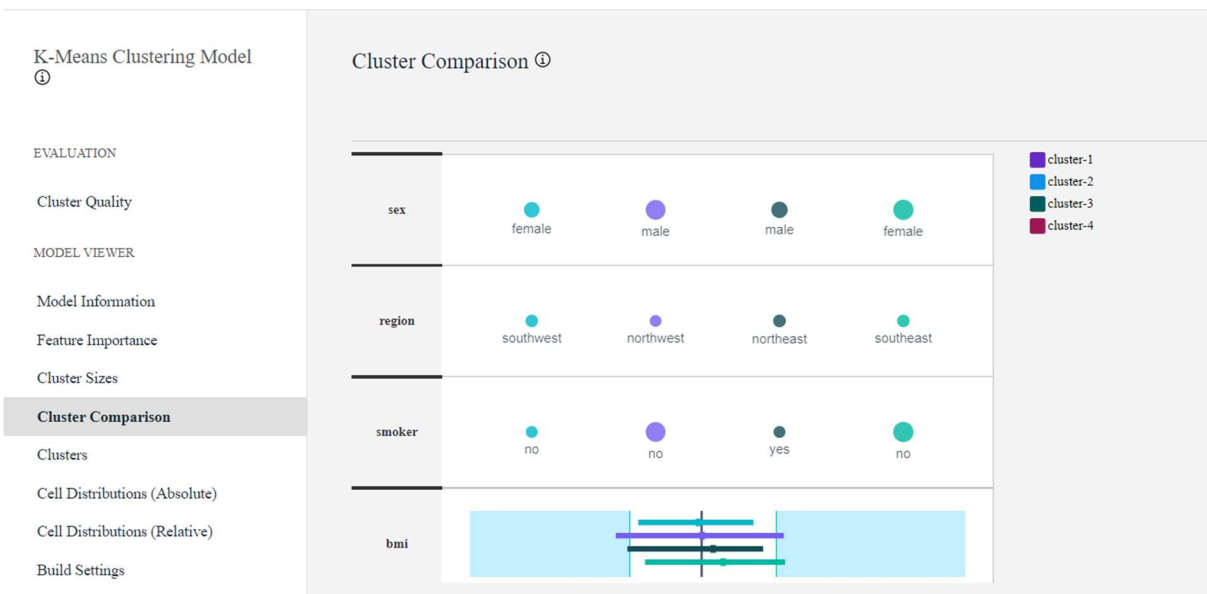
View Model: K-Means



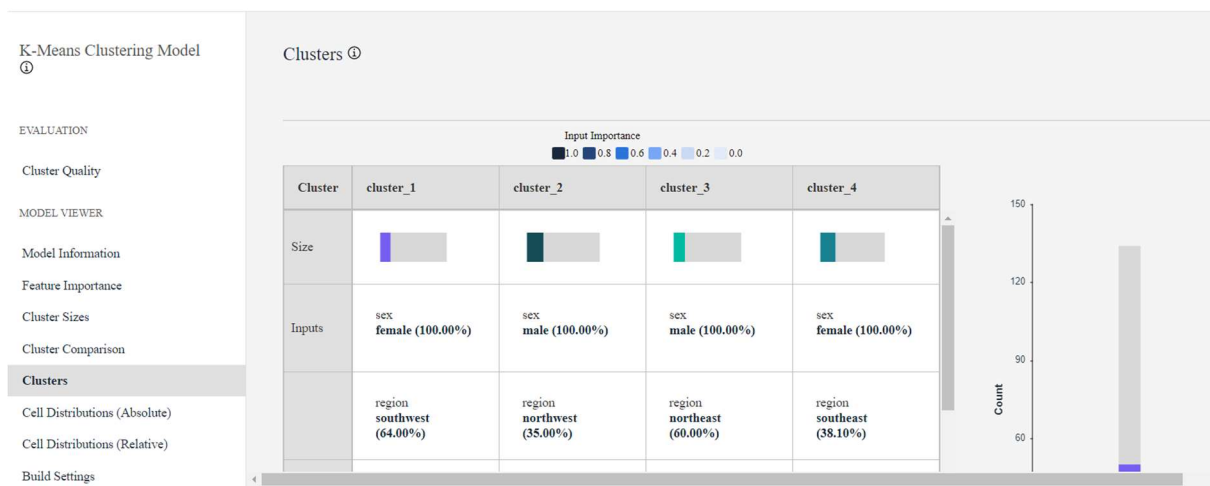
View Model: K-Means



View Model: K-Means



View Model: K-Means



View Model: K-Means



View Model: K-Means



View Model: K-Means

K-Means Clustering Model

EVALUATION

Cluster Quality

MODEL VIEWER

Model Information

Feature Importance

Cluster Sizes

Cluster Comparison

Clusters

Cell Distributions (Absolute)

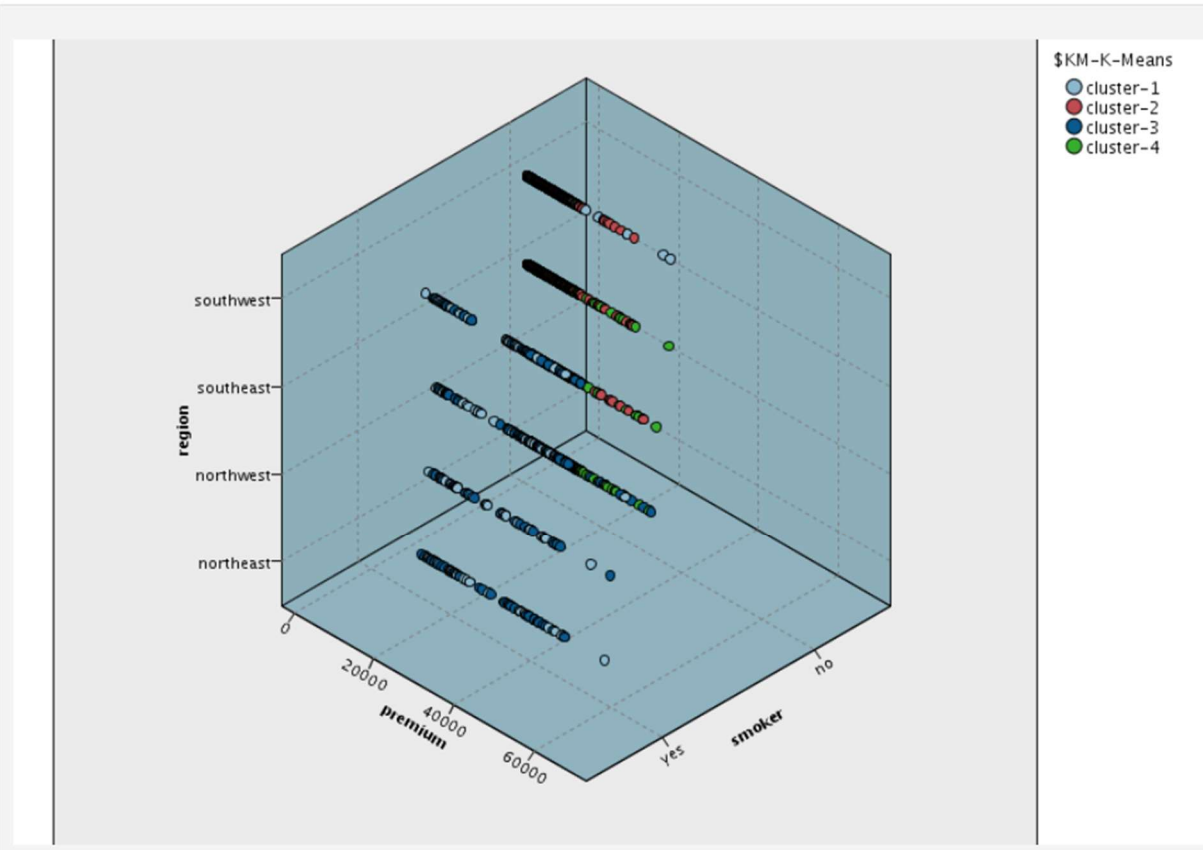
Cell Distributions (Relative)

Build Settings

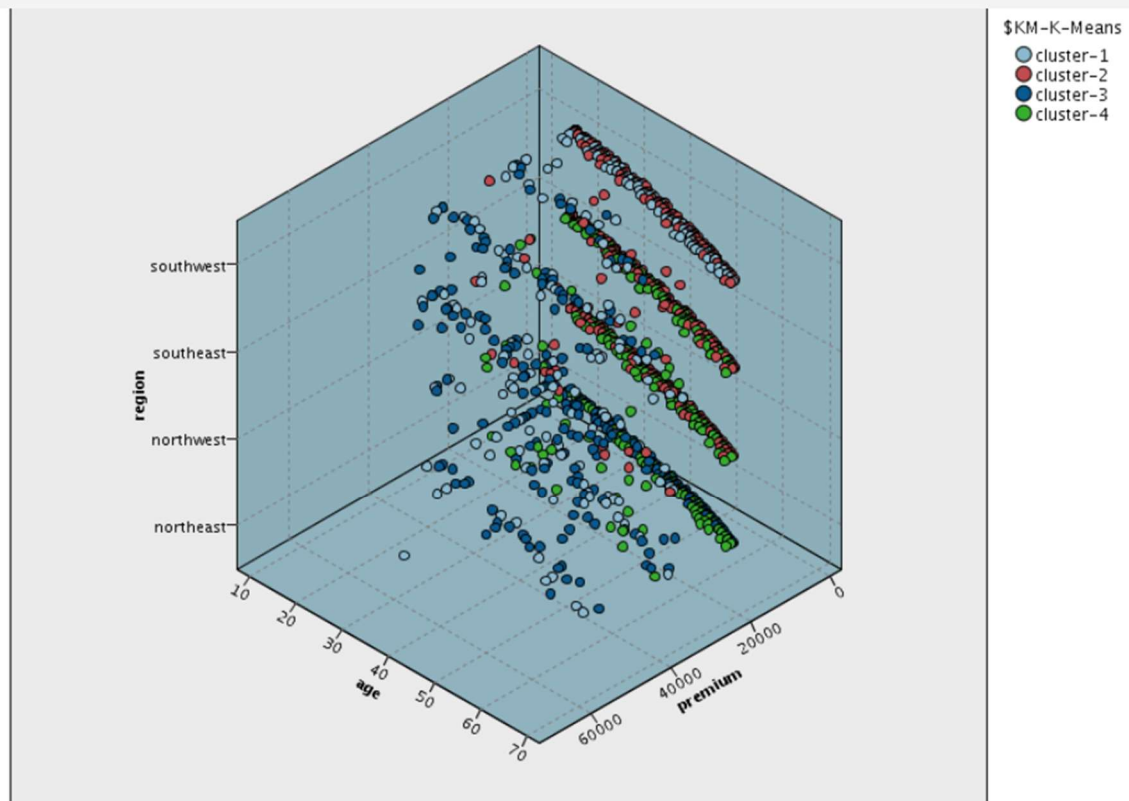
Training Summary

Algorithm	K-means
Model type	Clustering
Date built	Sun Apr 24 12:56:31 UTC 2022
Elapsed time for model build	0 hours, 0 mins, 0 secs

View Output: Cluster Analysis



View Output: Cluster Analysis-2



View Output: Cluster analysis-3

