

Field	Measure		Role		Value mode		Values	Check		
# age	Continuous	~	Input	~	Instantiated	~	18, 64	None	~	6
abc SeX	Flag	~	Input	~	Instantiated	~	female, male	None	~	6
# _# bmi	Continuous	~	Input	~	Instantiated	~	15.96, 53.13	None	~	6
# children	Continuous	~	Input	~	Instantiated	~	0, 5	None	~	6
abc smoker	Flag	~	Input	~	Instantiated	~	no, yes	None	~	6
abc region	Nominal	~	Input	~	Instantiated	~	northeast, northwe	None	~	6
# _# premium	Continuous	~	Input	~	Instantiated	~	1121.8739, 63770	None	~	6

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	<u></u>	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	-				20	2	1338
6	region		Categorical			<u></u>		uu	4	1338

View Output: Data Audit of [7 fields]

6	region		Categ	orical	-		-	-		4	1338
7	premium		Contir	nuous	1121.874	63770.428	13270.422	12110.0	11 1.516		1338
	Field	Measurement	Outliers	Extremes	Action	Impute Missing	Method	% Complete	Valid Records	Null Value	Empty String
1	age	Continuous	0	0	None	Never	Fixed	100.000	1338	0	0
2	sex	Categorical		880	555	Never	Fixed	100.000	1338	0	0
3	bmi	Continuous	4	0	None	Never	Fixed	100.000	1338	0	0
4	children	Continuous	18	0	None	Never	Fixed	100.000	1338	0	0
5	smoker	Categorical	-			Never	Fixed	100.000	1338	0	0
6	region	Categorical	-	4 50	555	Never	Fixed	100.000	1338	0	0
7	premium	Continuous	7	0	None	Never	Fixed	100.000	1338	0	0

K-Means Clustering Model ①

EVALUATION

Cluster Quality

MODEL VIEWER

Model Information

Feature Importance

Cluster Sizes

Cluster Comparison

Clusters

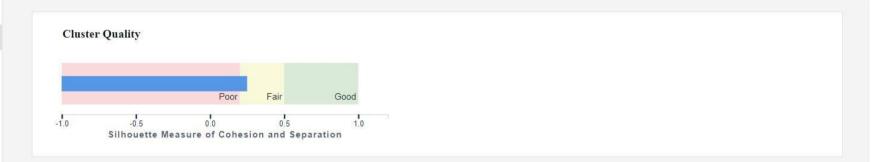
Cell Distributions (Absolute)

Cell Distributions (Relative)

Build Settings

Training Summary

Cluster Quality ①



Cluster Quality Parameters

Overall Clustering Quality (Avg. Silhouette)	0.249
Total Within Clusters Sum of Squares	0.132
Average Within Cluster Sum of Squares	0.026

K-Means Clustering Model (i)

EVALUATION

Cluster Quality

MODEL VIEWER

Model Information

Feature Importance

Cluster Sizes

Cluster Comparison

Clusters

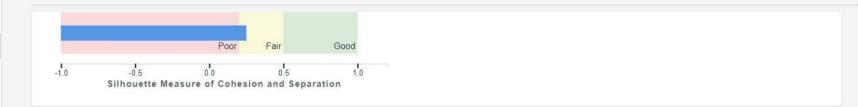
Cell Distributions (Absolute)

Cell Distributions (Relative)

Build Settings

Training Summary

Cluster Quality ^①



Cluster Quality Parameters

The state of the s	
Overall Clustering Quality (Avg. Silhouette)	0.249
Total Within Clusters Sum of Squares	0.132
Average Within Cluster Sum of Squares	0.026
Average SSB (Between ss)	0.075

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

Model Information ①

Algorithm	K-Means	
Model Class		Center Based
Number of Features		7
Distance Measure		Euclidean
Number of Clusters		5
	Cluster 1	81 (8.7%)
	Cluster 2	368 (39.53%)

K-Means Clustering Model ①

EVALUATION

Cluster Quality

MODEL VIEWER

Model Information

Feature Importance

Cluster Sizes

Cluster Comparison

Clusters

Cell Distributions (Absolute)

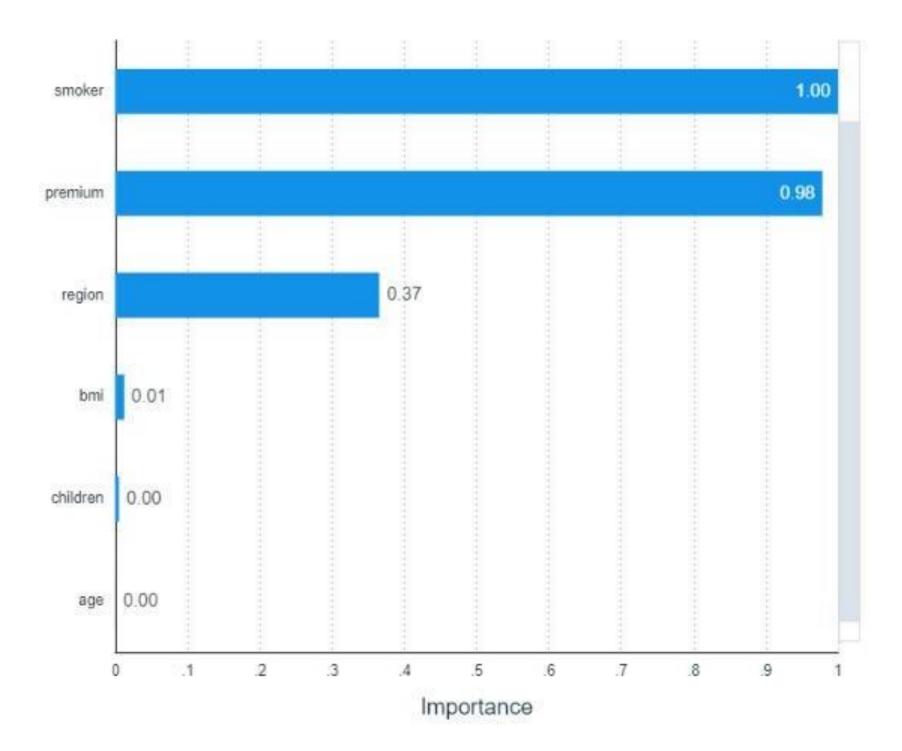
Cell Distributions (Relative)

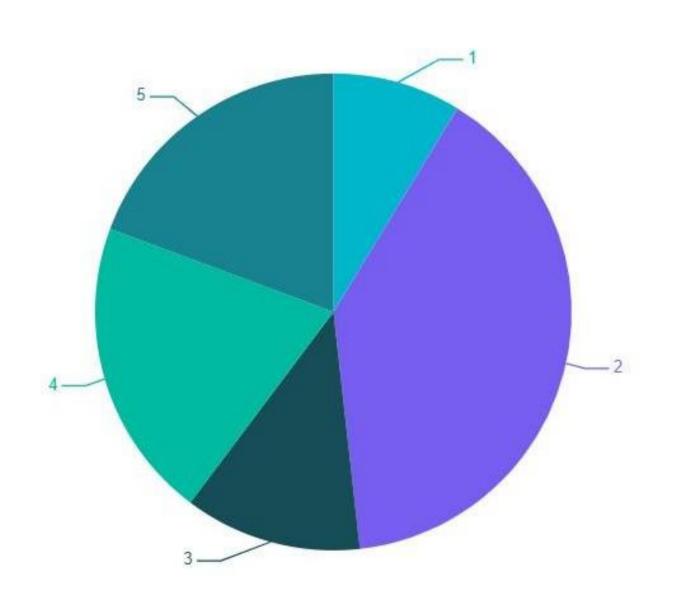
Build Settings

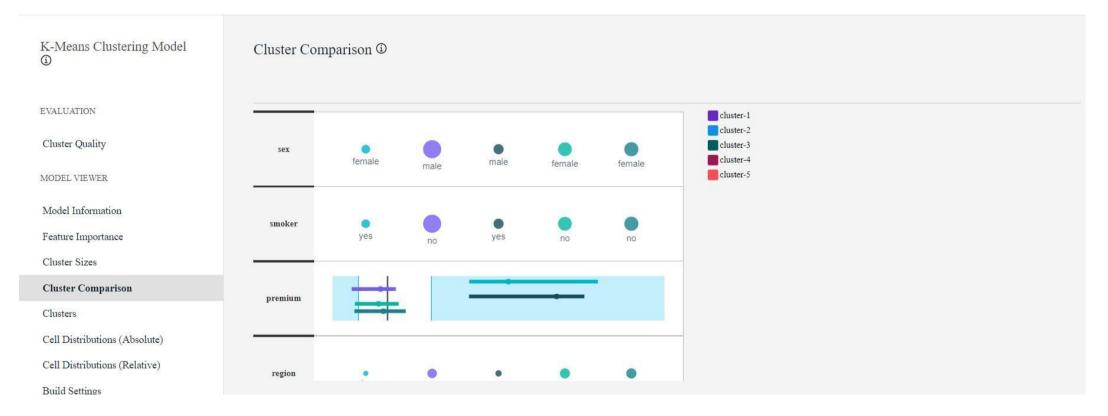
Training Summary

Model Information ①

Number of Clusters	5	
	Cluster 1	81 (8.7%)
	Cluster 2	368 (39.53%)
Number of instances in each cluster	Cluster 3	112 (12.03%)
	Cluster 4	190 (20.41%)
	Cluster 5	180 (19.33%)
Ratio of sizes (Largest to smallest)	4.543	

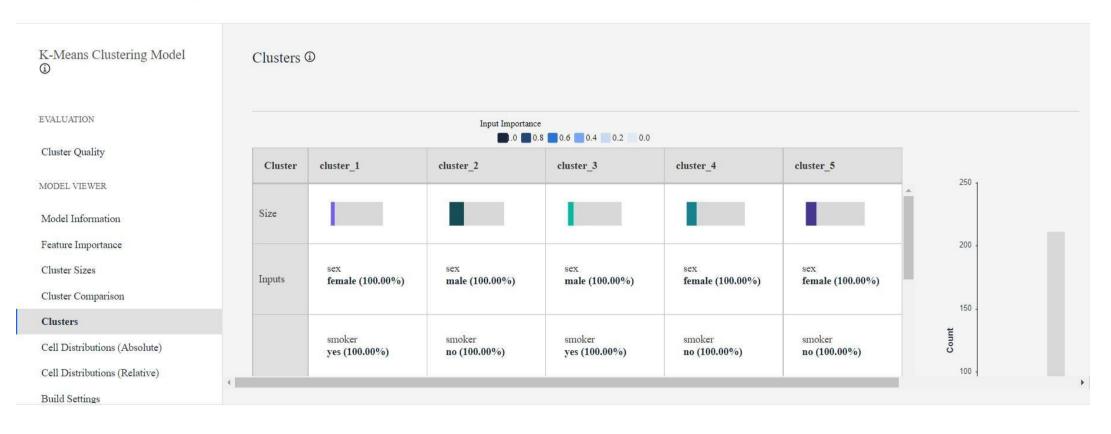


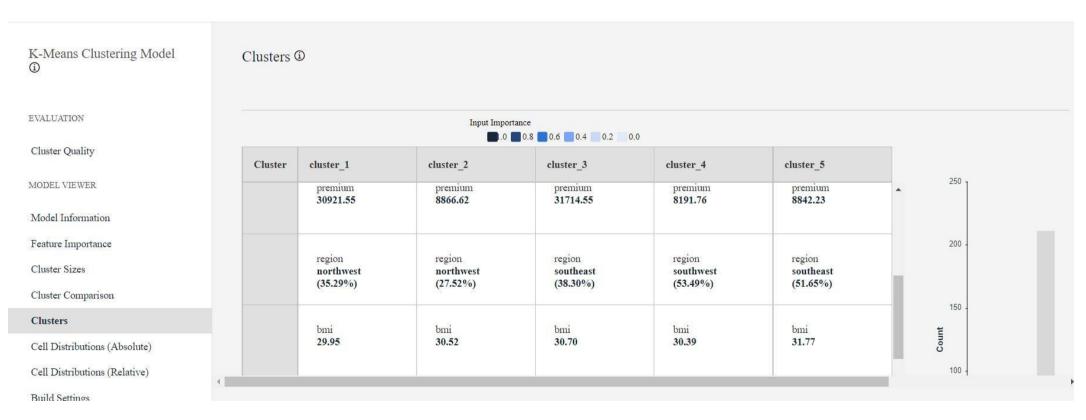




>







K-Means Clustering Model \odot

EVALUATION

Cluster Quality

MODEL VIEWER

Model Information

Feature Importance

Cluster Sizes

Cluster Comparison

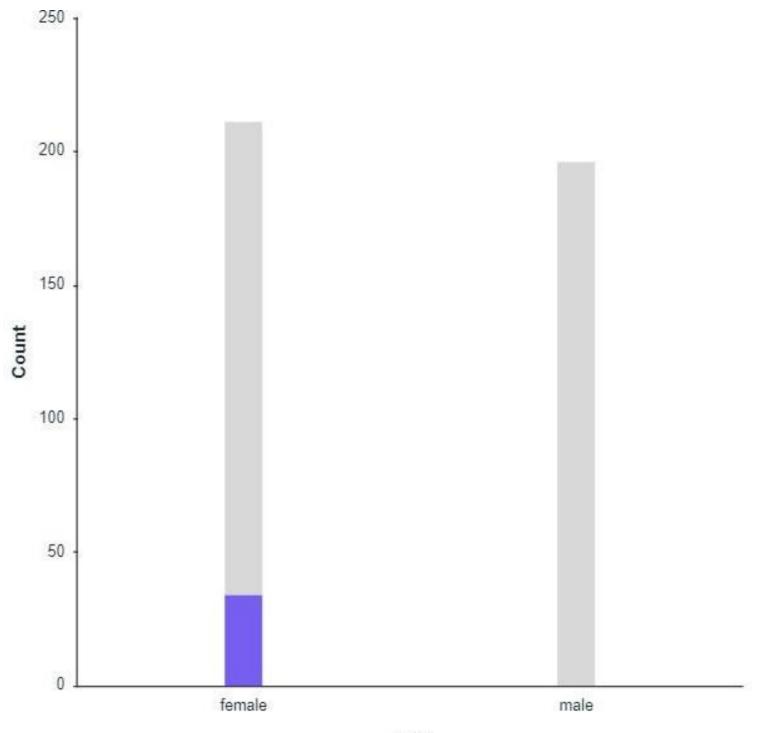
Clusters

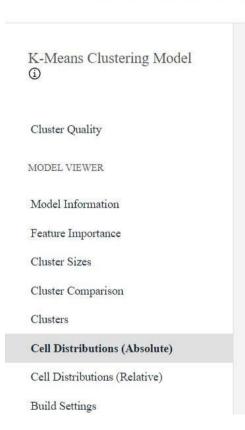
Cell Distributions (Absolute)

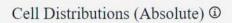
Cell Distributions (Relative)

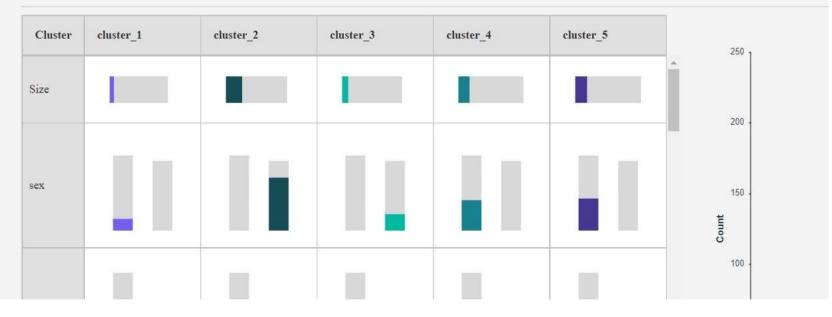
Clusters ①

bmi	bmi	bmi	bmi	bmi
29.95	30.52	30.70	30.39	31. 77
ehildren	children	children	children	children
.91	1.11	.77	1.16	1.07
age	age	age	age	age
39.65	40.22	37.79	40.50	41.43









K-Means Clustering Model

Cluster Quality

MODEL VIEWER

Model Information

Feature Importance

Cluster Sizes

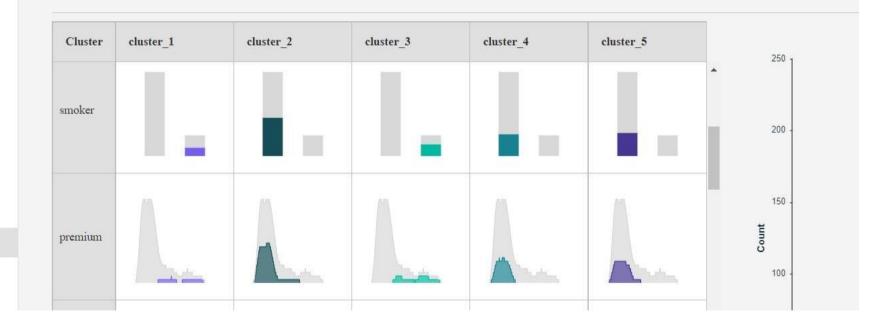
Cluster Comparison

Clusters

Cell Distributions (Absolute)

Cell Distributions (Relative)





K-Means Clustering Model ①

Cluster Quality

MODEL VIEWER

Model Information

Feature Importance

Cluster Sizes

Cluster Comparison

Clusters

Cell Distributions (Absolute)

Cell Distributions (Relative)

Build Settings

Cell Distributions (Absolute) ①

Cluster	cluster_1	cluster_2	cluster_3	cluster_4	cluster_5	250 1
gion					Input: bmi	200 -
ni			A		Cluster: cluster_4 Cut Point: 42.95' Frequency: 0.96: Overall Frequen	150 - Conut 100 -



Cluster Quality

MODEL VIEWER

Model Information

Feature Importance

Cluster Sizes

Cluster Comparison

Clusters

Cell Distributions (Absolute)

Cell Distributions (Relative)

Build Settings

Cell Distributions (Absolute) ©

Cluster	cluster_1	cluster_2	cluster_3	cluster_4	cluster_5	250 1
hildren						200 -
ge	M		M	M	M	150 - Ting OS

K-Means Clustering Model ①

Cluster Quality

MODEL VIEWER

Model Information

Feature Importance

Cluster Sizes

Cluster Comparison

Clusters

Cell Distributions (Absolute)

Cell Distributions (Relative)

Build Settings

Cell Distributions (Relative) ©

Cluster	cluster_1	cluster_2	cluster_3	cluster_4	cluster_5	100 ,
Size						
		11				80 -
sex						60 -
						Count - 040
						40 -

K-Means Clustering Model (i)

Cluster Quality

MODEL VIEWER

Model Information

Feature Importance

Cluster Sizes

Cluster Comparison

Clusters

Cell Distributions (Absolute)

Cell Distributions (Relative)



K-Means Clustering Model ①

Cluster Quality

MODEL VIEWER

Model Information

Feature Importance

Cluster Sizes

Cluster Comparison

Clusters

Cell Distributions (Absolute)

Cell Distributions (Relative)



K-Means Clustering Model ①

Cluster Quality

MODEL VIEWER

Model Information

Feature Importance

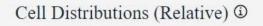
Cluster Sizes

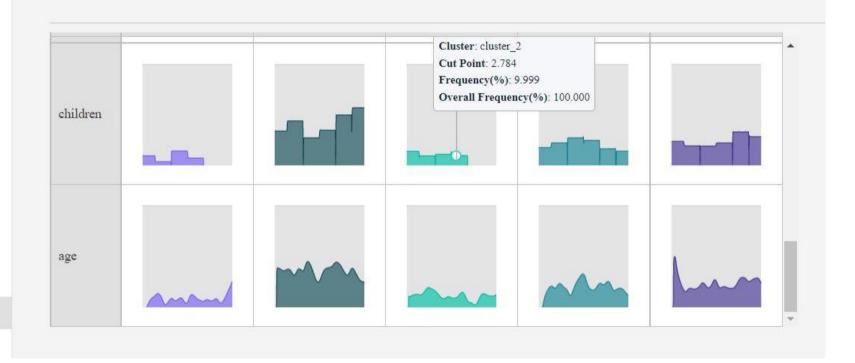
Cluster Comparison

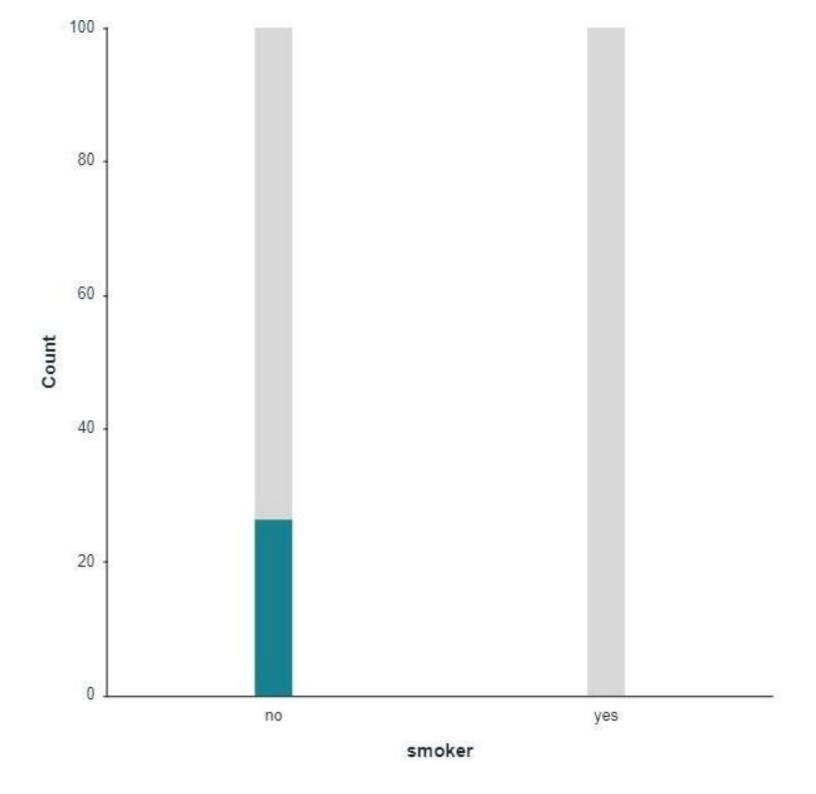
Clusters

Cell Distributions (Absolute)

Cell Distributions (Relative)







K-Means Clustering Model ①
Cluster Quality
MODEL VIEWER
Model Information
Feature Importance
Cluster Sizes
Cluster Comparison
Clusters
Cell Distributions (Absolute)
Cell Distributions (Relative)
Build Settings

Use partitioned data	true
Calculate raw propensity scores	false
Calculate adjusted propensity scores	false
Number of clusters	5
Generate distance field	false
Cluster label	String

K-Means Clustering Model ①

Cluster Quality

MODEL VIEWER

Model Information

Feature Importance

Cluster Sizes

Cluster Comparison

Clusters

Cell Distributions (Absolute)

Cell Distributions (Relative)

Build Settings

Training Summary

Training Summary ①

Algorithm	K-means
Model type	Clustering
Date built	Tue Dec 28 10:43:11 UTC 2021
Elapsed time for model build	0 hours, 0 mins, 0 secs

