

Туре

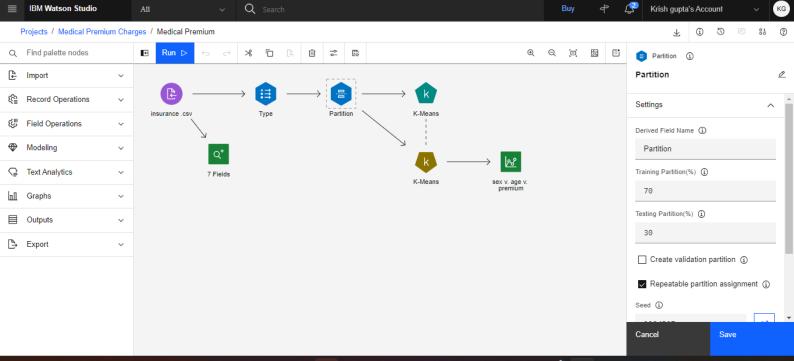
Read Values Clear All Values

Q Find in column Field

Field	Measure		Role		Value mode	Values	Check
# age	Continuous	~	Input	~	Instantiated ~	18, 64	None ∨ ⊚
abc SeX	Flag	~	Input	~	Instantiated ~	female, male	None ∨ ⊚
# <sub>#</sub> bmi	Continuous	~	Input	~	Instantiated 🗸	15.96, 53.13	None v 🔞
# children	Continuous	~	Input	~	Instantiated ~	0, 5	None v 🔞
abc smoker	Flag	~	Input	~	Instantiated ~	no, yes	None v 🔞
abc region	Nominal	~	Input	~	Instantiated ~	northeast, northwe	None v 🔞
## premium	Continuous	~	Input	~	Instantiated ~	1121.8739, 63770	None v 🔞

Cancel

Save



#### View Output: Data Audit of [7 fields]

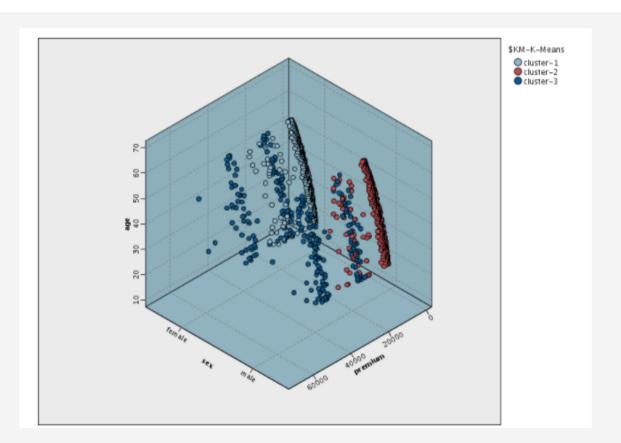
	Field	Graph	Measurement	Min	Max	Mean	Std. Dev	Skewness	Unique	Valid
1	age		Continuous	18	64	39.207	14.050	0.056		1338
2	sex		Categorical			-			2	1338
3	bmi		Continuous	15.960	53.130	30.663	6.098	0.284		1338
4	children	111.	Continuous	0	5	1.095	1.205	0.938		1338
5	smoker		Categorical						2	1338
6	region		Categorical						4	1338
7	premium		Continuous	1121.874	63770.428	13270.422	12110.011	1.516		1338

×

#### View Output: Data Audit of [7 fields]

6	region		C	ategorical	-				-		4	1338	^
7	premium	Manual Control of the	C	ontinuous	1121	.874 63770	1.428	13270.422	12110.011	1.516		1338	
	Field	Measurement	Outliers	Extremes	Action	Impute Missing	Method	% Complete	Valid Records	Null Value	Empty String	White Space	Bla
1	age	Continuous	0	0	None	Never	Fixed	100.000	1338	0	0	0	0
2	sex	Categorical	-			Never	Fixed	100.000	1338	0	0	0	0
3	bmi	Continuous	4	0	None	Never	Fixed	100.000	1338	0	0	0	0
4	children	Continuous	18	0	None	Never	Fixed	100.000	1338	0	0	0	0
5	smoker	Categorical	-			Never	Fixed	100.000	1338	0	0	0	0
6	region	Categorical				Never	Fixed	100.000	1338	0	0	0	0
7	premium	Continuous	7	0	None	Never	Fixed	100.000	1338	0	0	0	0 _

## View Output: sex v. age v. premium





-1.0

Cluster Quality

EVALUATION

Feature Importance

Cluster Sizes Cluster Comparison

K-Means Clustering Model

Model Information

MODEL VIEWER

**Cluster Quality** 

Poor Fair

Good 1.0 Silhouette Measure of Cohesion and Separation

**Cluster Quality Parameters** 

# Cluster Quality @

## **Cluster Quality Parameters**

Overall Clustering Quality (Avg. Silhouette)	0.331
Total Within Clusters Sum of Squares	0.143
Average Within Cluster Sum of Squares	0.048
Average SSB (Between ss)	0.064

K-Means Clustering Model ①

EVALUATION

Cluster Quality

MODEL VIEWER

#### Model Information

Feature Importance

Cluster Sizes

Cluster Comparison

Clusters

Cell Distributions (Absolute)

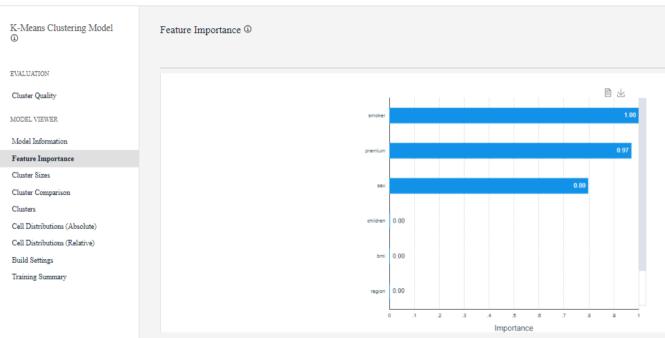
Cell Distributions (Relative)

Build Settings

Training Summary

## Model Information @

Algorithm	K-Means				
Model Class	Model Class				
Number of Features	Number of Features				
Distance Measure	Euclidean				
Number of Clusters	3				
	Cluster 1	370 (39.74%)			
Number of instances in each cluster	Cluster 2	368 (39.53%)			
	Cluster 3	193 (20.73%)			
Ratio of sizes (Largest to smallest)	1.917				





EVALUATION

Cluster Quality

MODEL VIEWER

Model Information

Feature Importance

### Cluster Sizes

Cluster Comparison

Clusters

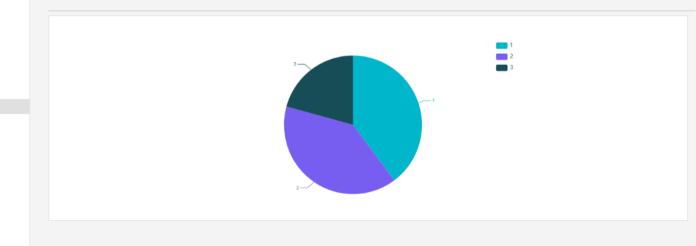
Cell Distributions (Absolute)

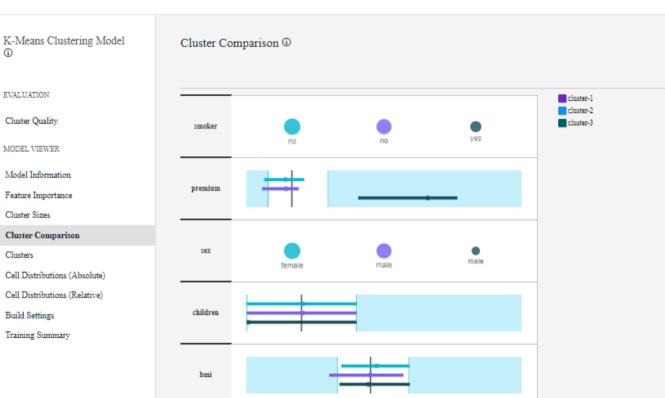
Cell Distributions (Relative)

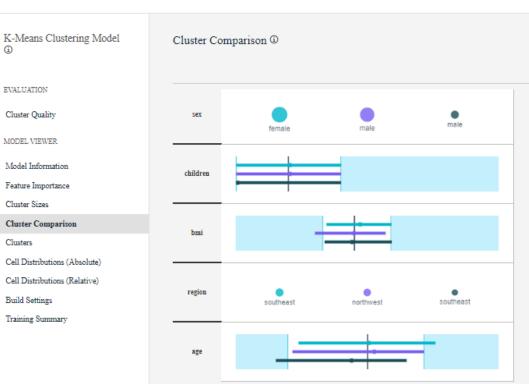
Build Settings

Training Summary

Cluster Sizes ①

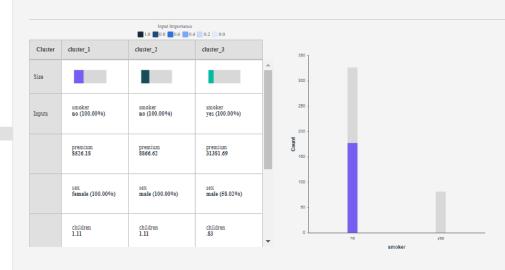








#### Clusters ①



K-Means Clustering Model ①

EVALUATION

Cluster Quality

MODEL VIEWER

Model Information

Feature Importance

Cluster Sizes

Cluster Comparison

Clusters

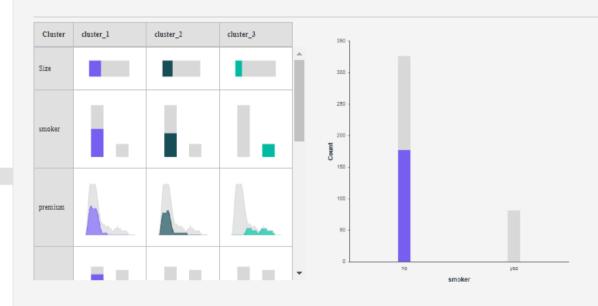
Cell Distributions (Absolute)

Cell Distributions (Relative)

**Build Settings** 

Training Summary

#### Cell Distributions (Absolute) @



K-Means Clustering Model D

EVALUATION

Cluster Quality

MODEL VIEWER

Model Information
Feature Importance

Cluster Sizes

Cluster Comparison

Clusters

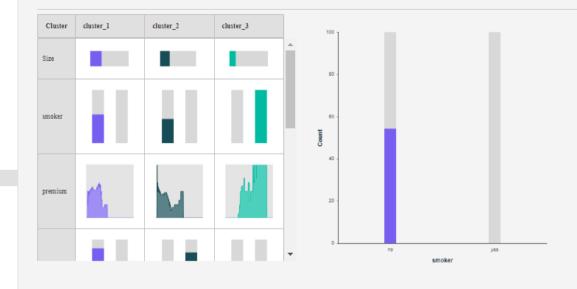
Cell Distributions (Absolute)

Cell Distributions (Relative)

**Build Settings** 

Training Summary

#### Cell Distributions (Relative) ①



K-Means	Clustering	Mode
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

## Build Settings @

Use partitioned data	true
Calculate raw propensity scores	false
Calculate adjusted propensity scores	false
Number of clusters	3
Generate distance field	false
Cluster label	String
Label prefix	cluster
Optimize	Memory
Mode	Simple



Cell Distributions (Absolute)

**Training Summary** 

Build Settings

Cluster Comparison Clusters

Cell Distributions (Relative)

Elapsed time for model build

Training Summary ①

Algorithm

Model type

Date built

0 hours, 0 mins, 0 secs

K-means

Clustering

Tue Dec 28 15:05:27 UTC 2021

