

# K-means clustering model

NUMBER OF CLUSTERS = 3

data001\_CLUSTERS

QUERY MODEL

DELETE MODEL

EXPORT MODEL

DETAILS

TRAINING

EVALUATION

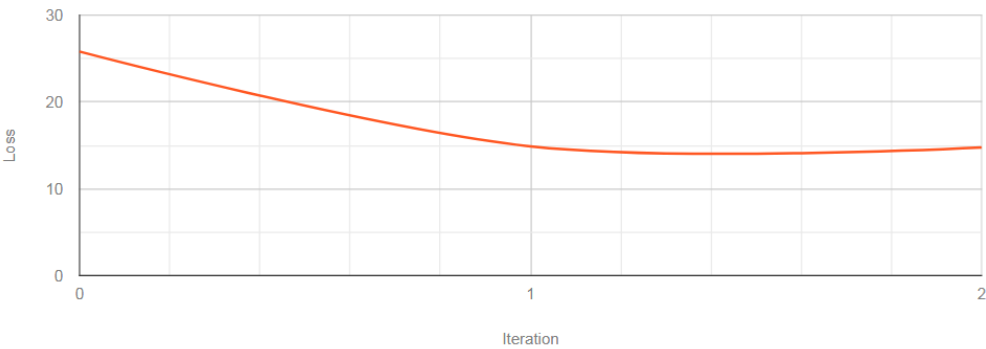
SCHEMA

Table

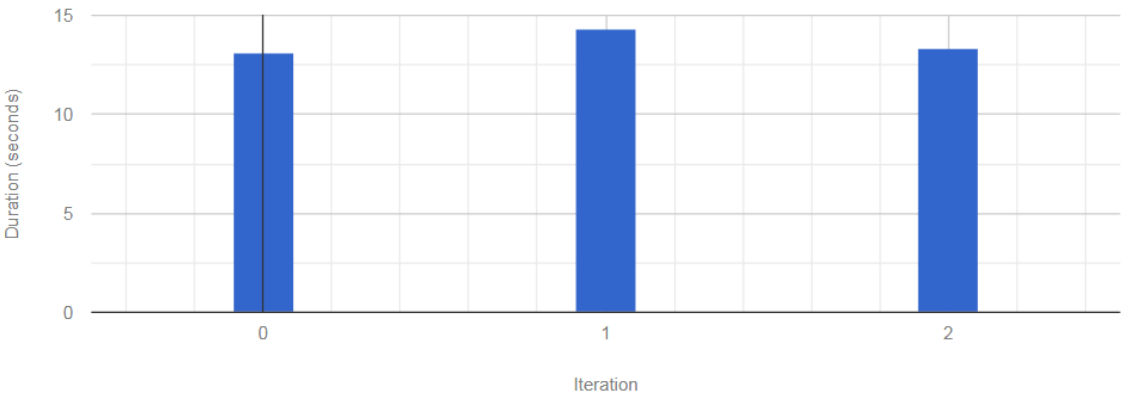
Iteration	Training Data Loss	Duration (seconds)	Cluster Centroid Id	Cluster Radius	Cluster Size
2	14.7470	13.32	1	3.78793381	352499
			2	3.9849742	334399
			3	3.72332687	269676
1	14.8823	14.34	1	3.78842516	354055
			2	4.00074914	358450
			3	3.74177107	244069
0	25.8094	13.10	1	5.1105574	328656
			2	5.09021388	385620
			3	5.02299097	242298

View as Graphs

Loss



Duration (seconds)



# Metrics

Davies–Bouldin index	3.9819
Mean squared distance	14.7239

# Numeric features

This table shows the centroid value for each feature. Use the select menu to view more numeric features.

Selected Features

QUANTITY, SPEND

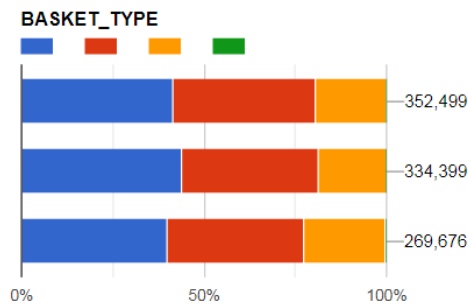
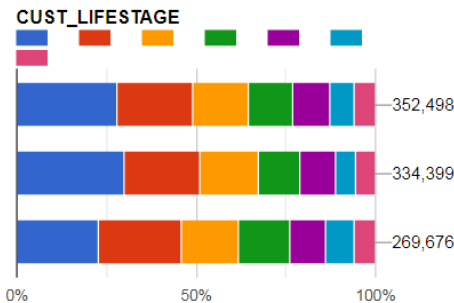
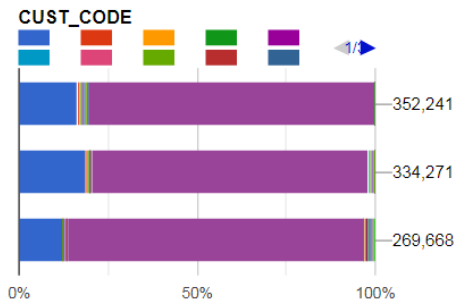
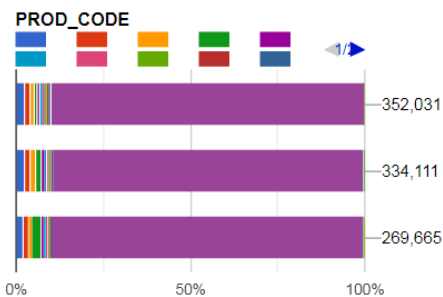
Centroid Id	Count	QUANTITY	SPEND
1	352,499	<div><div></div></div> 1.4690	<div><div></div></div> 1.8859
2	334,399	<div><div></div></div> 1.5625	<div><div></div></div> 2.0675
3	269,676	<div><div></div></div> 1.5147	<div><div></div></div> 1.6103

# Categorical features

Each chart below shows the category value distribution for a particular feature. Use the select menu to view more categorical features.

Selected Features

10 options selected



NUMBER OF CLUSTERS = 7

data001\_CLUSTERS7

QUERY MODELDELETE MODELEXPORT MODEL

DETAILS

TRAINING

EVALUATION

SCHEMA

View as

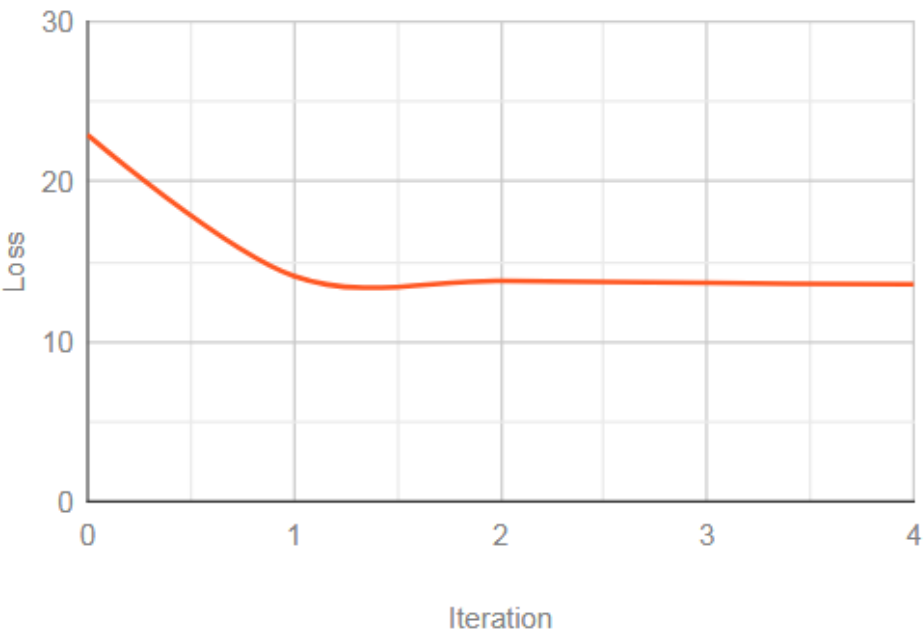
Graphs

Table

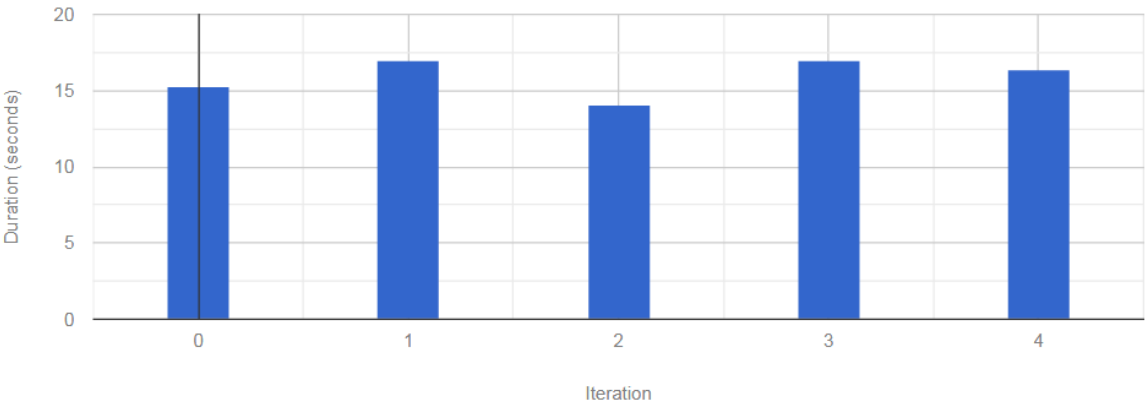
Iteration	Training Data Loss	Duration (seconds)	Cluster Centroid Id	Cluster Radius	Cluster Size
4	13.5933	16.38	1	3.5042124	127460
			2	3.6409586	181135
			3	3.54891006	127988
			4	4.43661274	134803
			5	3.53517596	103082
			6	3.47561792	160471
			7	3.56342332	121635
3	13.6583	17.01	1	3.51530176	127854
			2	3.67404137	176877
			3	3.5851249	128858
			4	4.39680072	132771
			5	3.53090083	98465
			6	3.50038068	163177
			7	3.57994031	128572
2	13.8004	14.12	1	3.53028881	124979
			2	3.7551152	182628
			3	3.63574287	134648
			4	4.34185564	125395
			5	3.51687651	90945
			6	3.53657795	159895
			7	3.6102868	138084
1	14.0995	16.97	1	3.57295338	111455
			2	3.87092182	211213
			3	3.70072486	131791
			4	4.18886379	125153
			5	3.51090604	86269
			6	3.5817536	146815
			7	3.68309348	143878
0	22.9211	15.23	1	4.70485023	71414
			2	4.92988555	245707
			3	4.78808025	95454
			4	4.78492905	191767
			5	4.53416313	108431
			6	4.72068049	139730
			7	4.85324521	104071

View as Graphs

# Loss



# Duration (seconds)



## Numeric features

This table shows the centroid value for each feature. Use the select menu to view more numeric features.

Selected Features

QUANTITY, SPEND

Centroid Id	Count	QUANTITY	SPEND
1	127,460	<div><div></div></div> 1.4147	<div><div></div></div> 1.7394
2	181,135	<div><div></div></div> 1.4635	<div><div></div></div> 1.8008
3	127,988	<div><div></div></div> 1.3343	<div><div></div></div> 1.4658
4	134,803	<div><div></div></div> 2.2233	<div><div></div></div> 2.9644
5	103,082	<div><div></div></div> 1.3253	<div><div></div></div> 1.6791
6	160,471	<div><div></div></div> 1.3514	<div><div></div></div> 1.6102
7	121,635	<div><div></div></div> 1.4752	<div><div></div></div> 1.8402

## Categorical features

Each chart below shows the category value distribution for a particular feature. Use the select menu to view more categorical features.

Selected Features

PROD\_CODE, CUST\_CODE, CUST\_LIFESTAGE, and BASKET\_TYPE

