

K-MEANS clustering – solution with 3 centroids

Initial centroids			
	Cluster		
	1	2	3
D1	1	0	1
D2	1	0	0
D3	0	0	1
D4	0	1	0

Final centroids			
	Clusters		
	1	2	3
D1	1	0	0
D2	1	0	0
D3	0	0	1
D4	0	1	0

Iterations			
Iteration	Changes in centroids		
	1	2	3
1	,454	,125	,948
2	,033	,027	,022
3	,000	,000	,000
Last iteration: n.3. Minimum distance among centroids = 1,414.			

Distances among final centroids			
Cluster	1	2	3
1		1,296	1,389
2	1,296		1,346
3	1,389	1,346	

Distribution of events in each cluster		
Cluster	1	40
	2	49
	3	77
Valid values		166
Missing values		0

Data clustering		
Accident code	Cluster	Distance
5219939	1	,453
5227991	2	,926
5233706	3	,961
5239917	2	,144
5254605	2	,144
5257403	1	,453
5260843	2	,144
5261118	3	,961
5280312	1	,453
5308022	3	,041
5359460	3	,041
5378910	3	,988
5394558	1	,637
5403597	3	,041
5416898	3	,041
5417846	1	,637
5428959	3	,041
5456762	3	,041
5473077	2	,144
5481687	3	,041
5512971	2	,926
5514923	1	,898
5519303	3	,041
5523204	3	,041
5544853	3	,041
5568913	3	,041
5587154	3	,041
5605881	3	,041
5609072	3	,041
5627224	1	,637
5658559	2	1,302
5689032	2	,144
5702914	2	,144
5708917	3	,041
5717895	1	,453
5723126	1	,453

5743408	3	,041
5752074	3	,041
5755027	1	,637
4739188	1	1,027
4776570	2	,904
4827243	3	,041
4840851	3	,041
4951411	3	,041
4963029	2	,144
4979023	3	,041
4986025	2	,144
4999394	2	,144
4999437	3	,041
4999779	2	,926
5005113	2	,144
5005899	2	,144
5029586	2	,144
5044215	3	,041
5044491	2	,144
5069991	1	,637
5109421	3	,041
5151475	3	,041
5190445	1	,453
5196809	2	,904
4162463	3	,041
4167309	2	,904
4168594	3	,041
4180848	2	,904
4234293	2	,144
4246090	3	,041
4255807	3	,041
4271650	2	,144
4293580	1	,453
4295226	3	,041
4321903	3	,041
4321903	3	,041
4358573	1	,453
4360833	3	,041

4363365	2	,144
4408097	3	,041
4419919	3	,041
4435262	2	,144
4475477	3	,041
4489977	2	,144
4493764	3	,041
4531051	1	,637
4601598	3	,041
4628041	2	,144
4629696	3	,041
4652214	1	,637
4655205	3	,041
4662933	2	,948
4686843	3	,041
4687998	1	,637
4697683	3	,041
3632915	1	,898
3666152	1	,453
3666869	1	,637
3684188	1	1,027
3689046	1	,453
3704802	2	,144
3715452	1	1,027
3719481	3	,041
3721356	3	,041
3757503	1	,637
3762778	3	,041
3777515	2	,144
3777525	2	,144
3782633	3	,041
3793888	3	,041
3803506	2	,144
3805722	1	,637
3808337	1	,637
3824879	1	,637
3846932	1	,898
3867080	2	,144

3879665	3	,041
3890568	2	,144
3903958	2	,144
3974131	3	,041
3987602	3	,041
4021663	3	,041
4022125	1	,453
4039669	2	,144
4061456	1	,453
4077421	2	,144
4081552	1	,898
4096596	1	,637
4100323	3	,041
4101461	2	,948
4109205	1	,637
4111072	2	,144
4133804	3	,041
4134516	1	,637
4158340	2	,926
3130668	3	,041
3147874	1	,453
3147909	2	,144
3151192	2	,144
3179134	3	,041
3182209	2	,144
3204696	2	,144
3215535	3	,041
3219461	3	,041
3256654	3	,041
3295676	2	,144
3318142	3	,041
3319296	3	,041
3319313	3	,041
3320645	1	,898
3348705	3	,041
3359404	1	,898
3388179	1	,898
3391823	3	,041

3417209	3	,041
3418750	3	,041
3419407	2	,144
3442738	3	,041
3454027	2	,144
3457245	2	,144
3461600	3	,041
3475945	1	,898
3508834	2	,144
3520037	3	,041
3523516	3	,041
3556665	3	,041
3575318	3	,961
3607483	3	,041
3610430	3	,041
3611638	3	,041