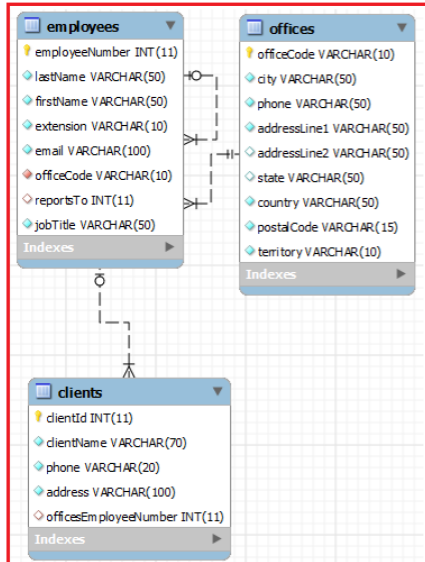
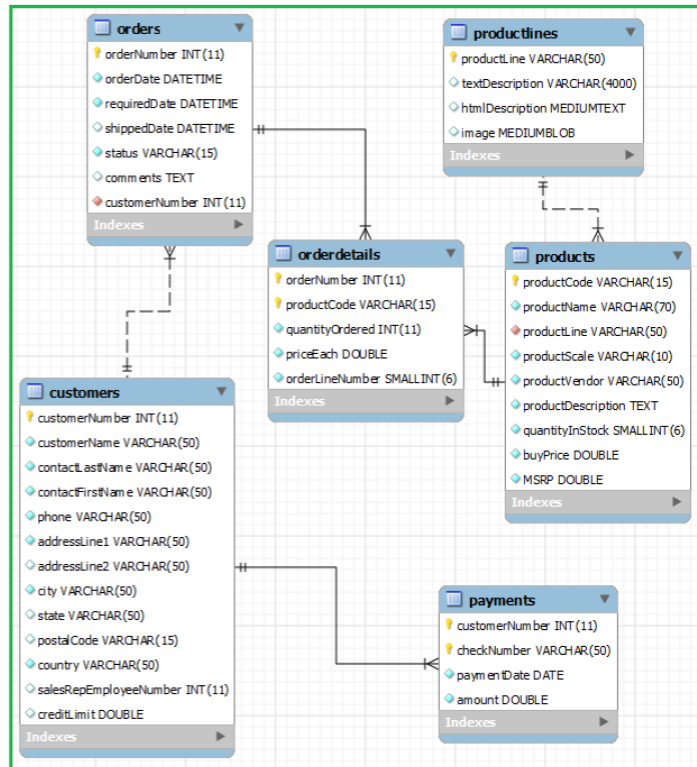


CarShopping System

Human Resources Management

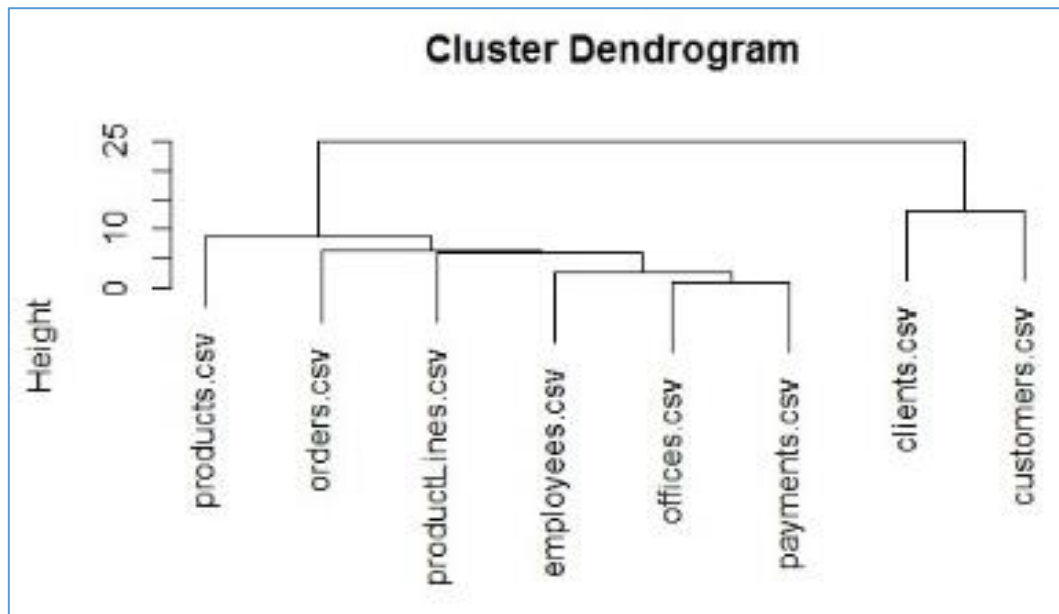


Marketing and Sales



Tables with only numerical values of the attributes are not taken into consideration during the process, because they do not provide any useful semantic information for a possible merging.

Syntactic Analysis



k-means results for Syntactic analysis

Iter	Parametri		Clusters	Bss/Tss	DocOut
	K	N			
1	4	8	$C_1 = \{1,2\}$ $C_2 = \{3,4,6\}$ $C_3 = \{5,7\}$ $C_4 = \{8\}$	85,0 %	8
2	3	7	$C_1 = \{1,2\}$ $C_2 = \{3,4,6\}$ $C_3 = \{5,7\}$	82,5	

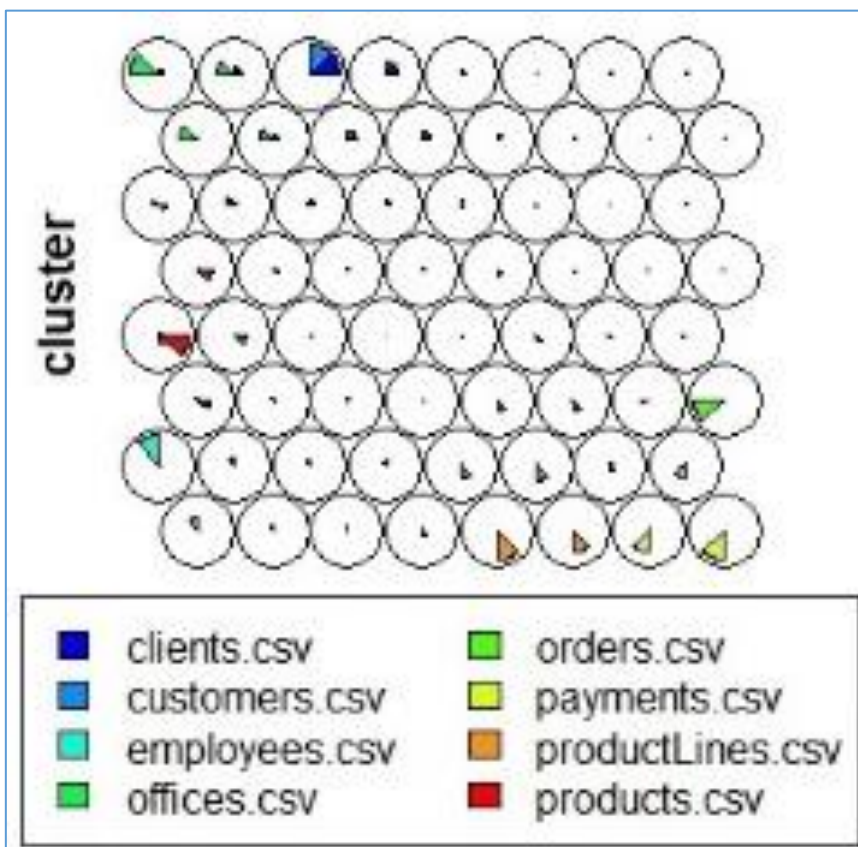
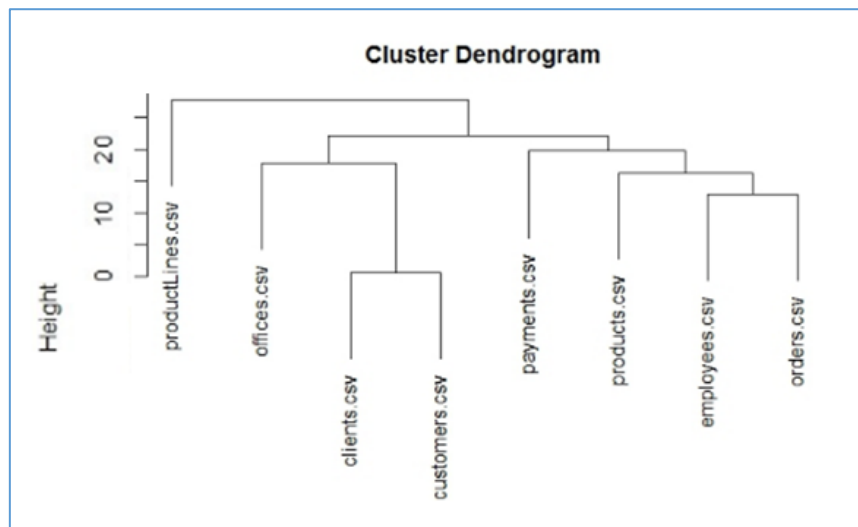
1=clients
5=orders

2=customers
6=payments

3=employees
7=productlines

4=offices
8=products

Semantic Analysis



k-means results for Semantic analysis

Iter	Parametri K N		Clusters	Bss/Tss	DocOut
1	4	8	C ₁ = {1,2} C ₂ = {3,5,6} C ₃ = {7,8} C ₄ = {4}	86,4 %	4
2	3	7	C ₁ = {1,2} C ₂ = {3,5,6} C ₃ = {7,8}	82,1	

1=clients
5=orders

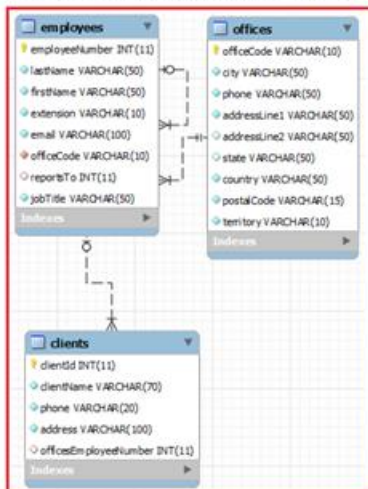
2=customers
6=payments

3=employees
7=productlines

4=offices
8=products

Reconciled schema

Human Resources Management



Marketing and Sales

