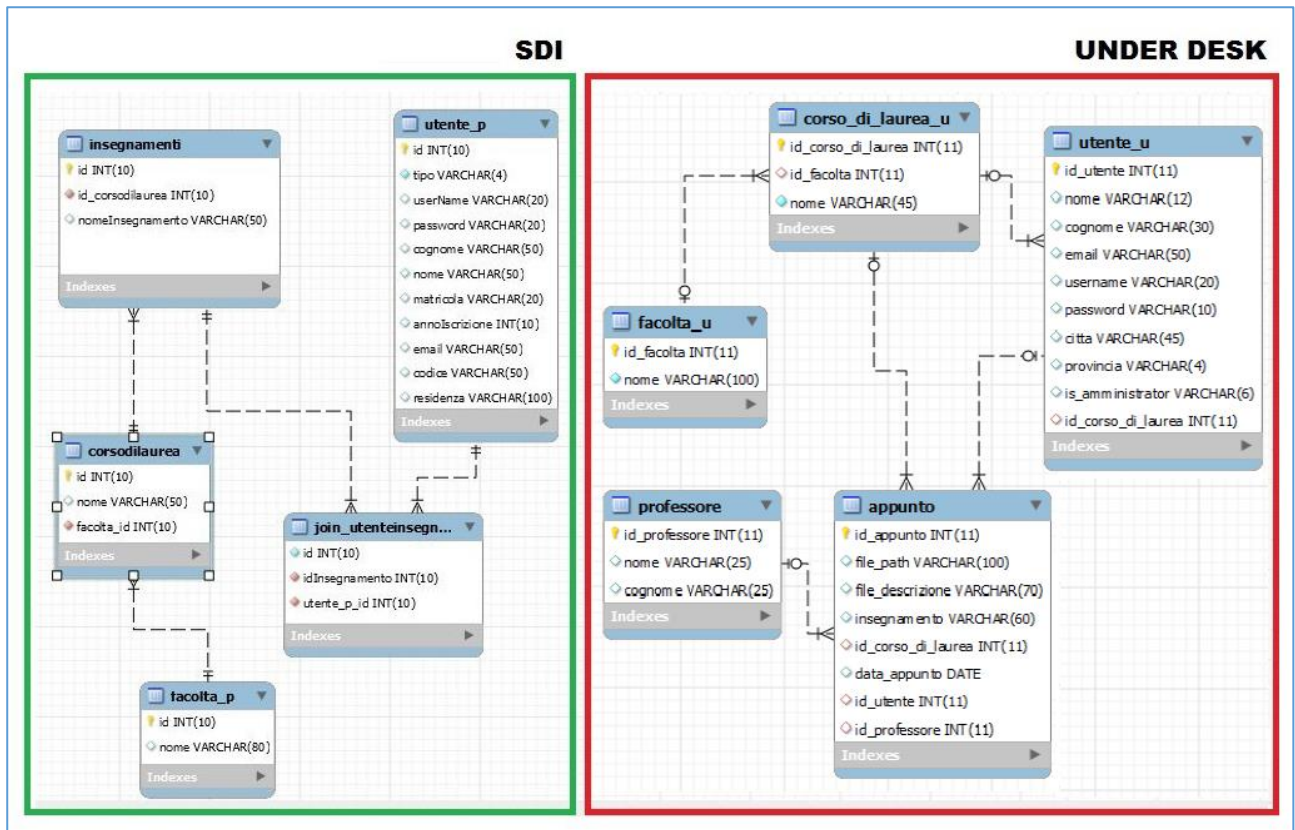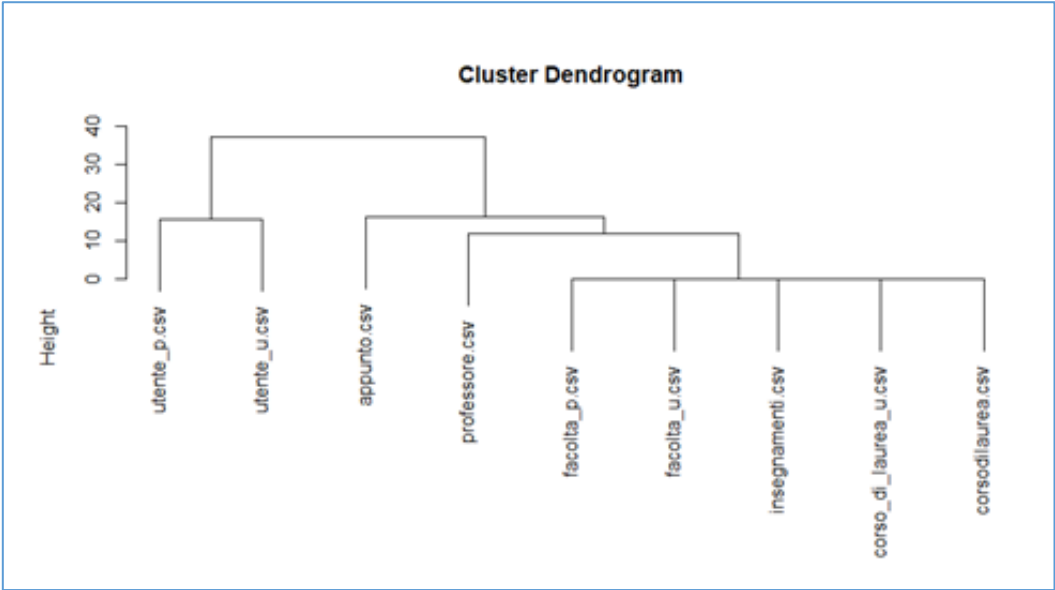# Panda System

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.
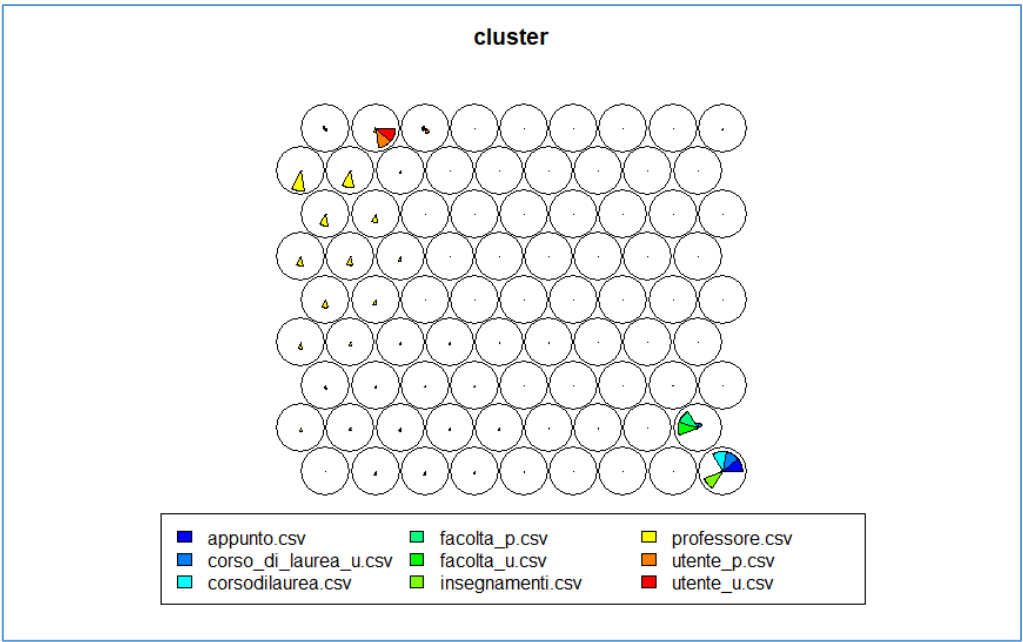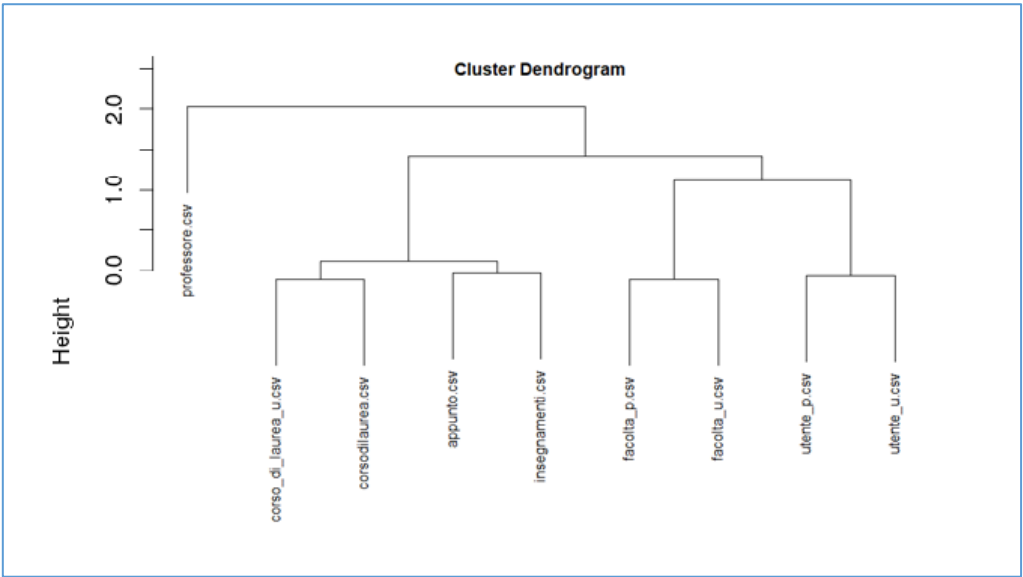
Syntactic Analysis

Cluster Dendrogram

k-means results for Syntactic analysis

Iter	Parametri K	N	Clusters	Bss/Tss	DocOut
1	5	9	$C_1 = \{1\}$ $C_2 = \{8,9\}$ $C_3 = \{2,3,6\}$ $C_4 = \{7\}$ $C_5 = \{4,5\}$	96,6%	7
2	4	8	$C_1 = \{1\}$ $C_2 = \{8,9\}$ $C_3 = \{2,3,6\}$ $C_4 = \{4,5\}$	96.5%	1
3	3	7	$C_1 = \{8,9\}$ $C_2 = \{2,3,6\}$ $C_3 = \{4,5\}$	91,9%	

1. appunto 2. corso_di_laurea_u 3. corsodilaurea 4. facolta_p 5. facolta_u
6. insegnamenti 7. professore 8. utente_p 9. utente_u

Semantic Analysis

Cluster Dendrogram

cluster

■ appunto.csv	■ facolta_p.csv	□ professore.csv
■ corso_di_laurea_u.csv	■ facolta_u.csv	■ utente_p.csv
■ corsodilaurea.csv	■ insegnamenti.csv	■ utente_u.csv

k-means results for Semantic analysis

Iter	Parametri K	N	Clusters	Bss/Tss	DocOut
1	5	9	$C_1 = \{1,6\}$ $C_2 = \{8,9\}$ $C_3 = \{2,3\}$ $C_4 = \{7\}$ $C_5 = \{4,5\}$	99,9%	7
2	4	8	$C_1 = \{1\}$ $C_2 = \{6\}$ $C_3 = \{2,3\}$ $C_4 = \{4,5,8,9\}$	97,3%	1
3	3	7	$C_1 = \{8,9\}$ $C_2 = \{2,3,6\}$ $C_3 = \{4,5\}$	95,2%	

1. appunto   2. corso_di_laurea_u   3. corsodilaurea   4. facolta_p   5. facolta_u
6. insegnamenti   7. professore   8. utente_p   9. utente_u

Reconciled schema