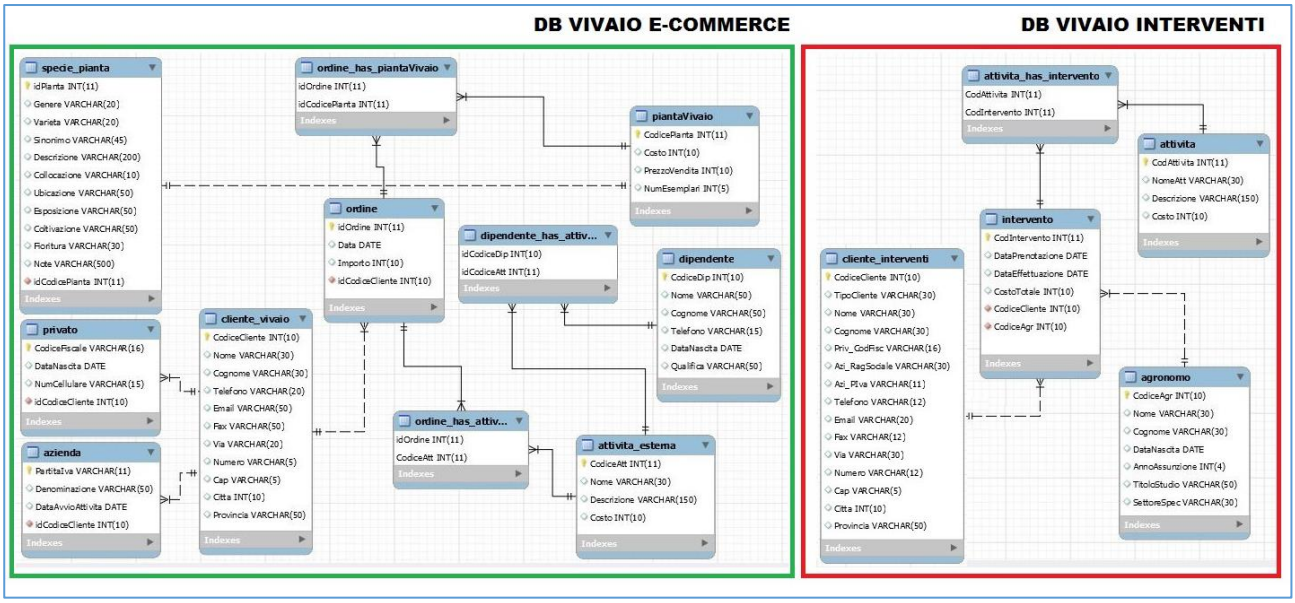
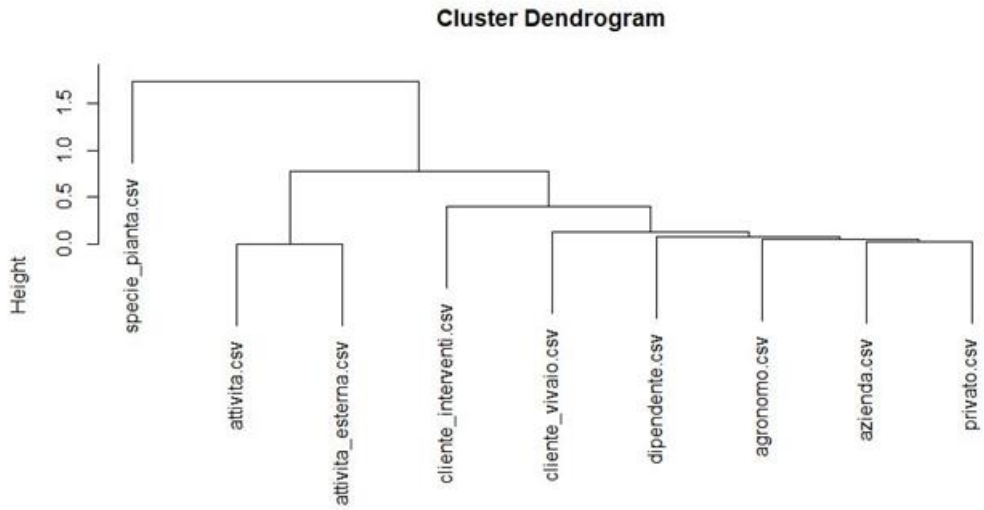
# Plants System



# Syntactic Analysis

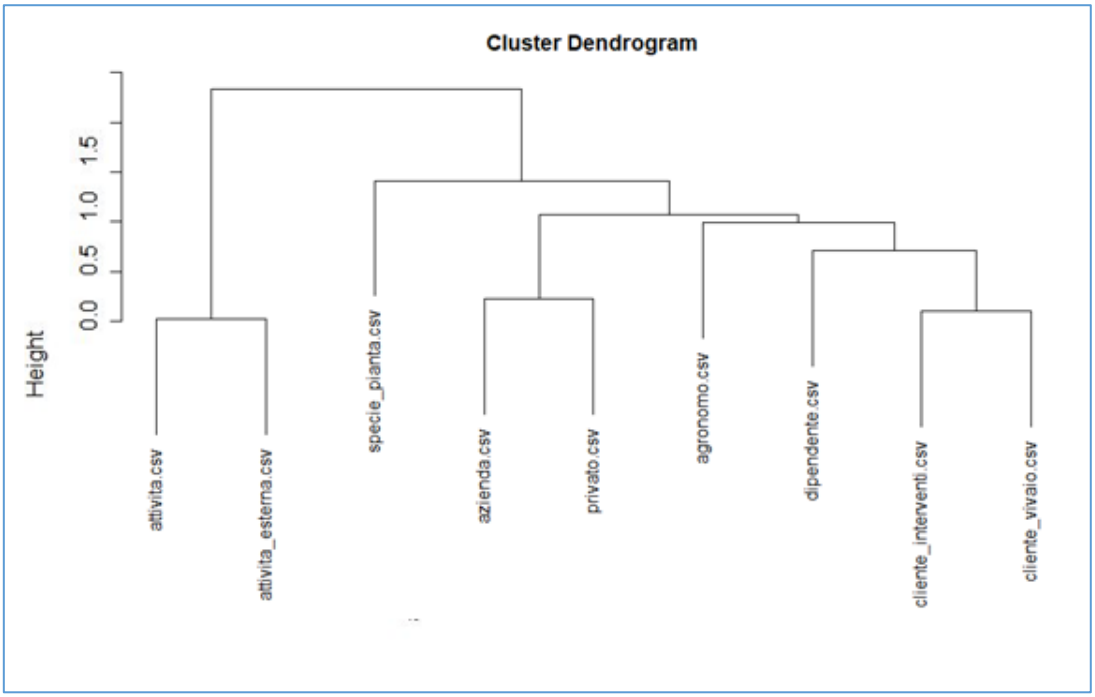


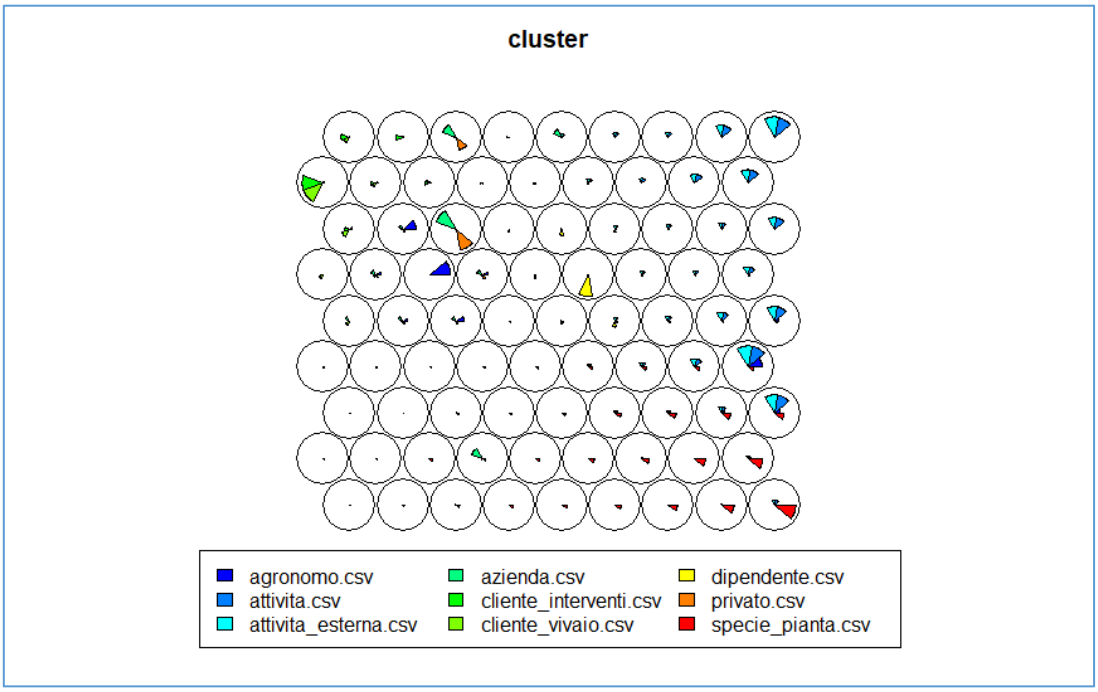

## k-means results for Syntactic analysis

| Iter | Parametri K | Parametri N | Clusters | Bss/Tss | DocOut |
|---|---|---|---|---|---|
| 1 | 5 | 9 | $C_1$ = {1,4,7,8}<br>$C_2$ = {9}<br>$C_3$ = {2,3}<br>$C_4$ = {6}<br>$C_5$ = {5} | 99,8% | 9 |
| 2 | 4 | 8 | $C_1$ = {1,4,7,8}<br>$C_2$ = {2,3}<br>$C_3$ = {6}<br>$C_4$ = {5} | 99.7% | 5 |
| 3 | 3 | 7 | $C_1$ = {1,4,7,8}<br>$C_2$ = {2,3}<br>$C_3$ = {6} | 99,4% | 6 |
| 4 | 2 | 6 | $C_1$ = {1,4,7,8}<br>$C_2$ = {2,3} | 88,7% | |

1. agronomo
2. attivita
3. attivitaesterna
4. azienda
5. cliente_interventi
6. cliente_vivaio
7. dipendente
8. privato
9. specie_pianta

# Semantic Analysis



# k-means results for Semantic analysis

| Iter | Parametri K | Parametri N | Clusters | Bss/Tss | DocOut |
|---|---|---|---|---|---|
| 1 | 5 | 9 | $C_1$ = {1}<br>$C_2$ = {2,3}<br>$C_3$ = {4,7,8}<br>$C_4$ = {9}<br>$C_5$ = {5,6} | 92,5% | 9 |
| 2 | 4 | 8 | $C_1$ = {1}<br>$C_2$ = {2,3}<br>$C_3$ = {4,7,8}<br>$C_4$ = {5,6} | 91,5% | 1 |
| 3 | 3 | 7 | $C_1$ = {2,3}<br>$C_2$ = {4,7,8}<br>$C_3$ = {5,6} | 90,2% | |

1. agronomo
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# Reconciled schema