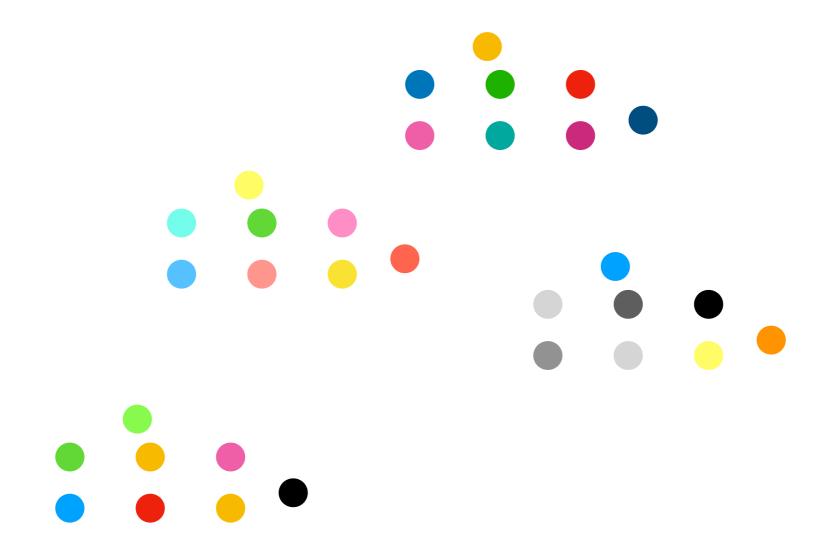
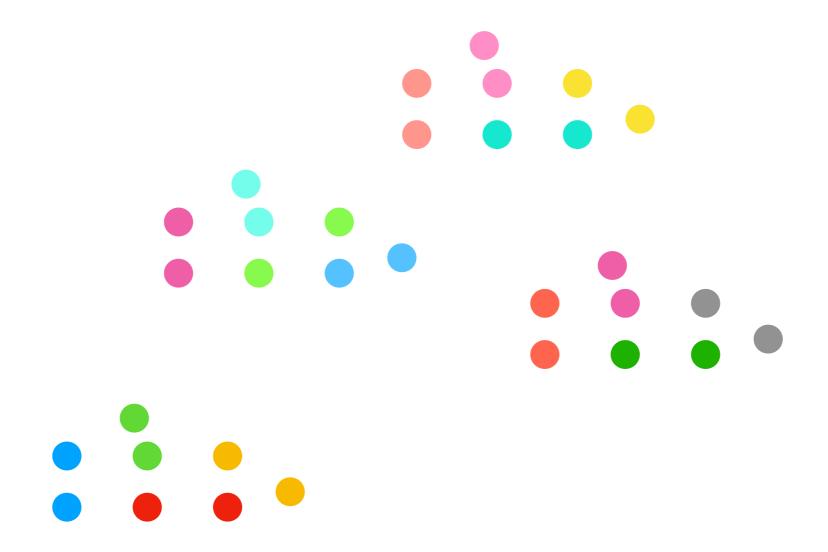
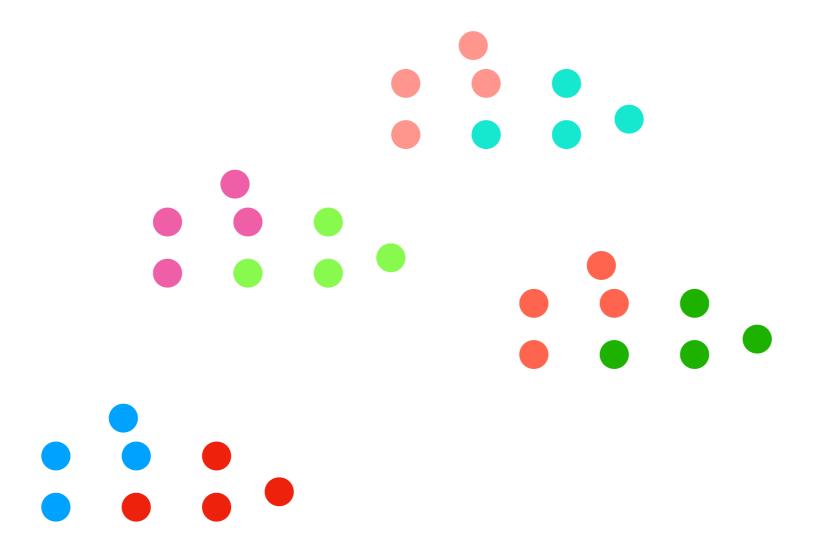
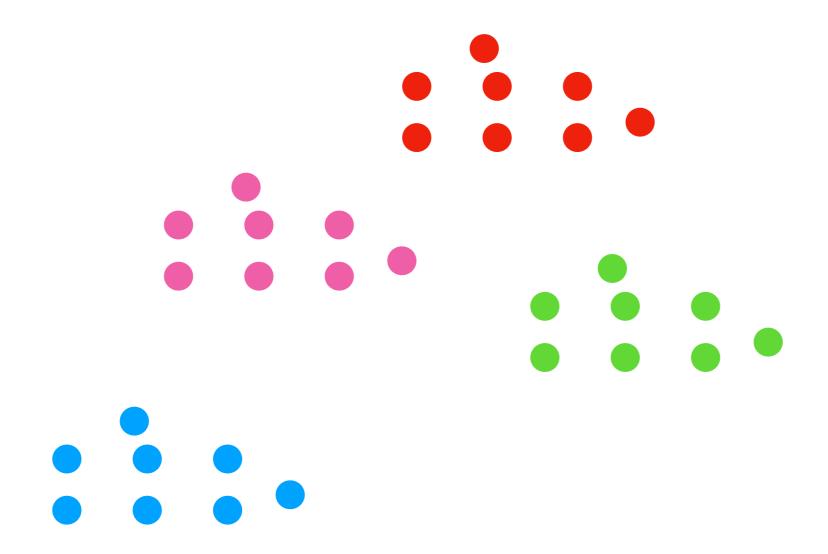
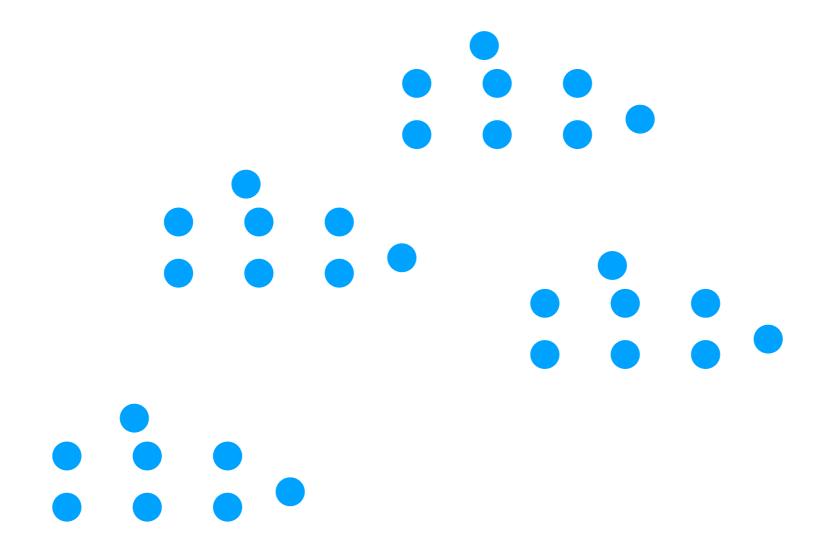
## hierarchical clustering

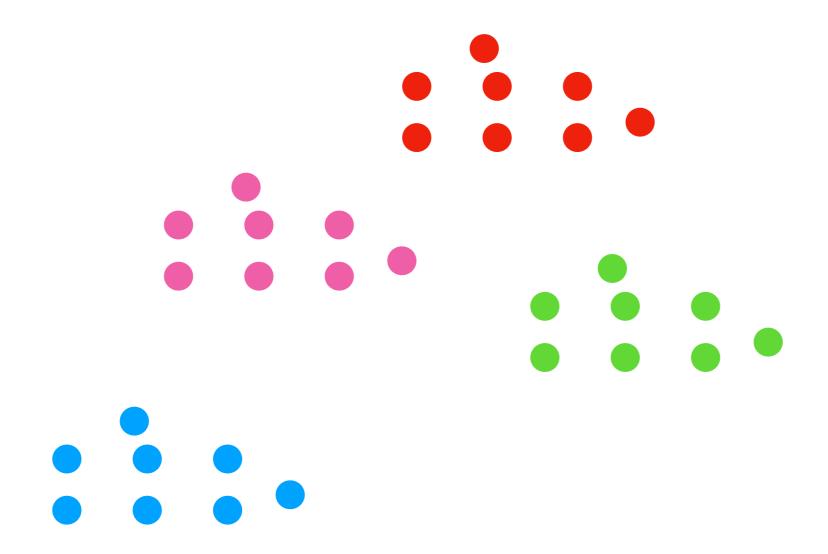


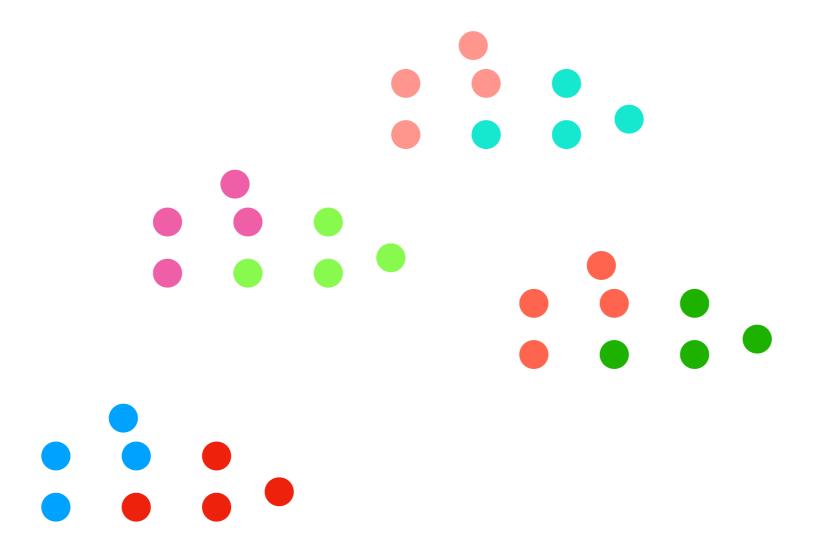


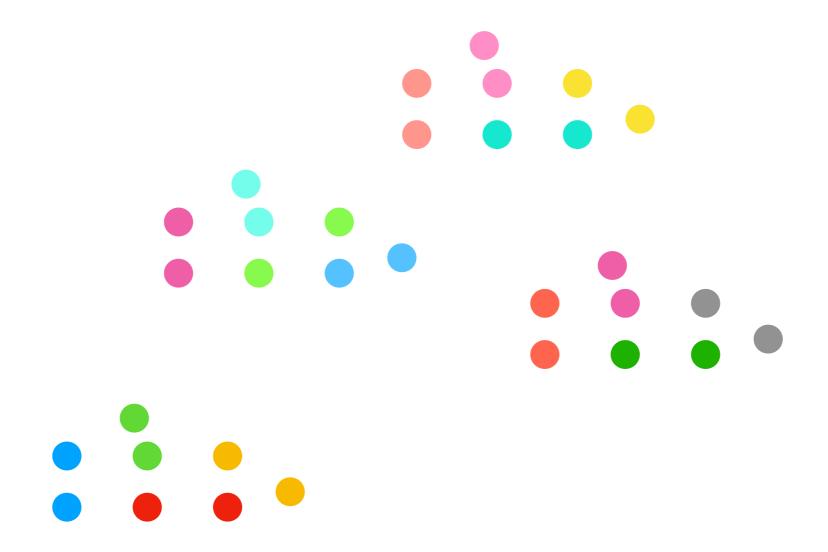


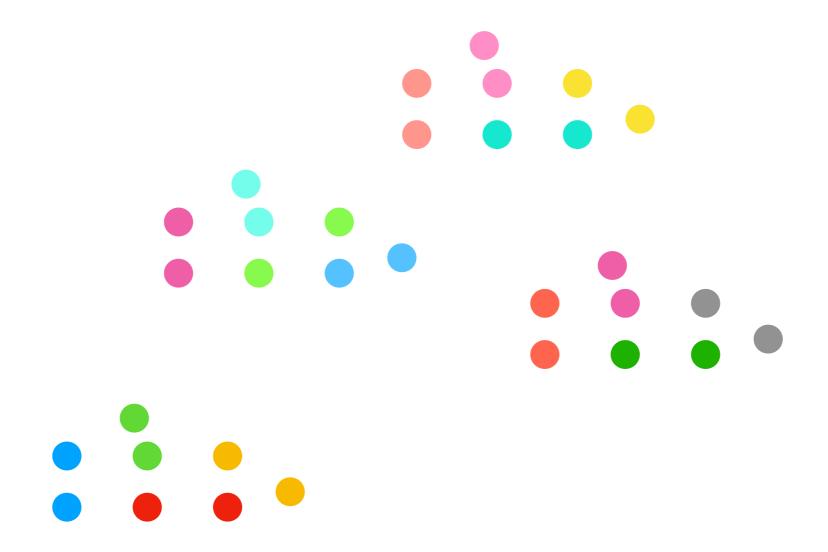


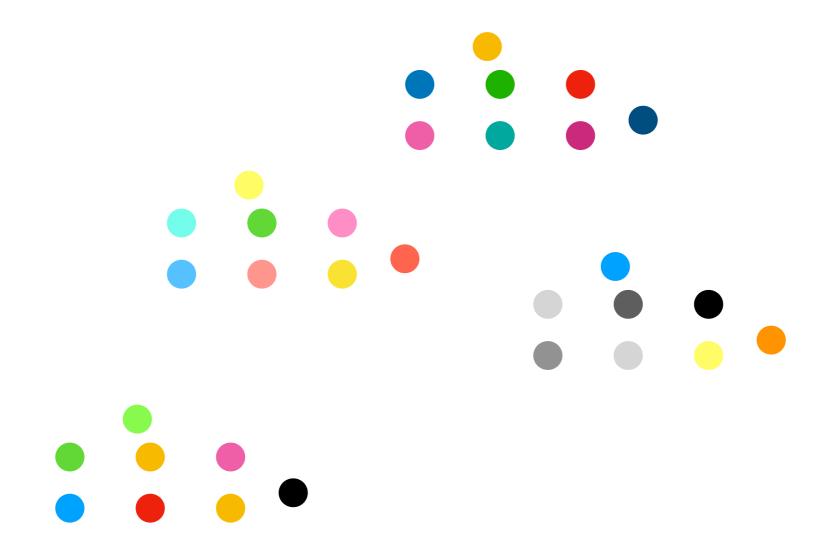


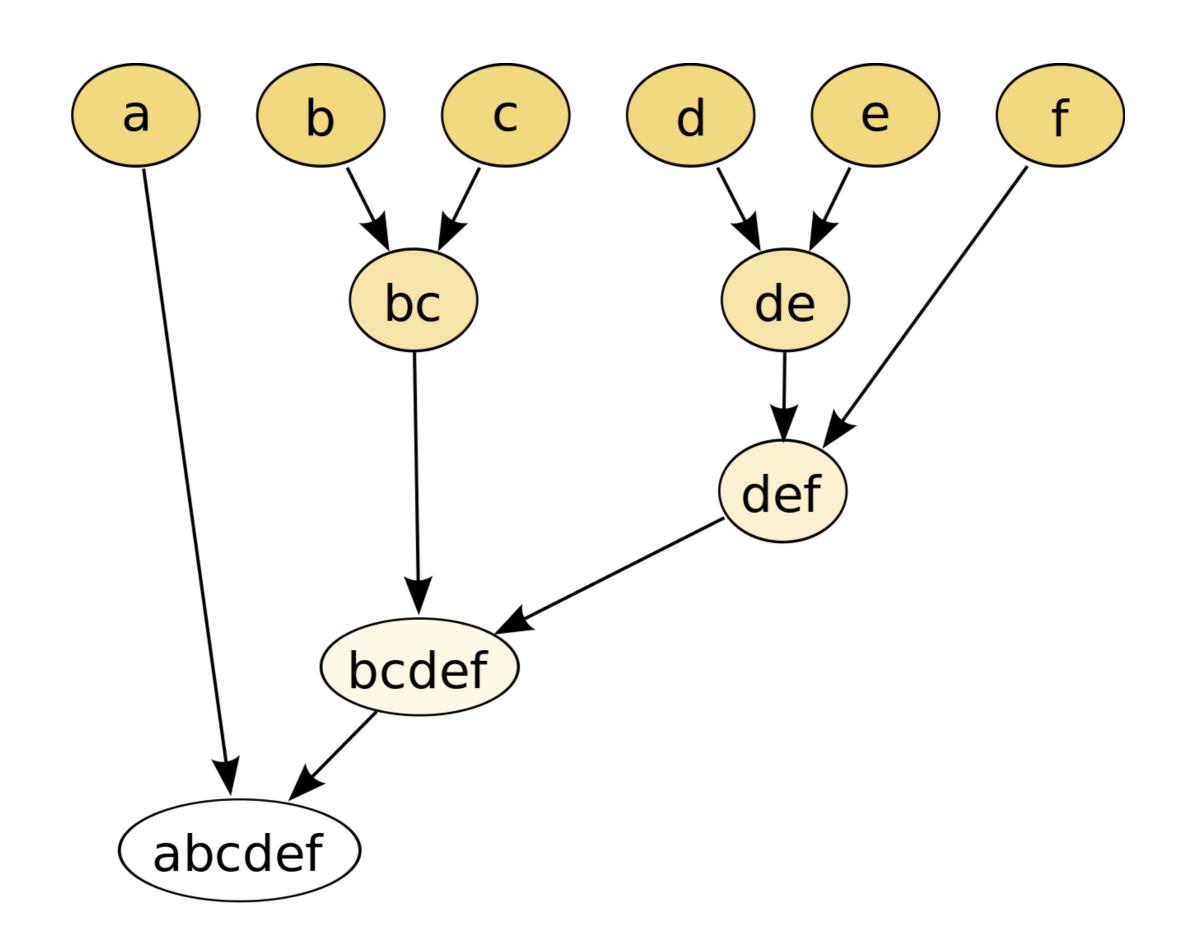












## Summary