**Clustering Results for Different K Values
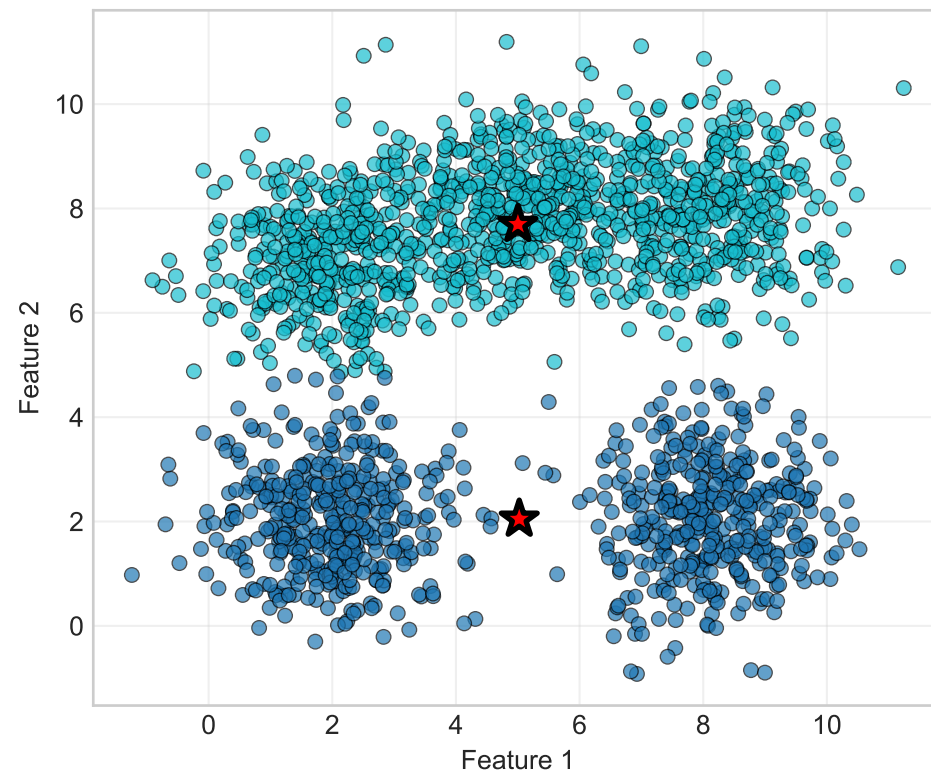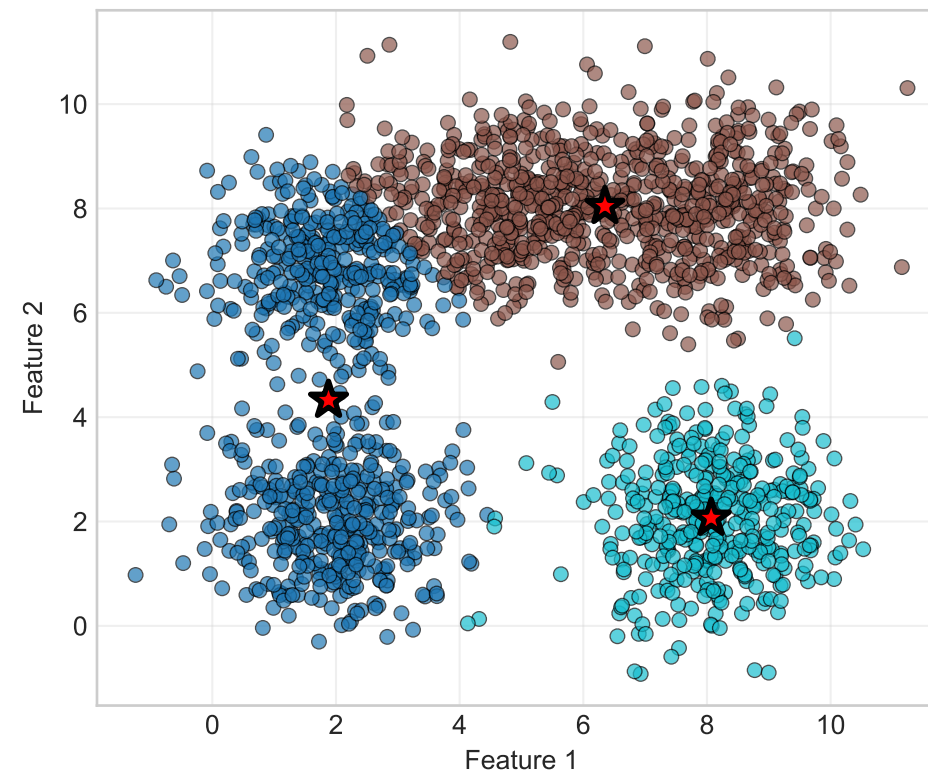(K=5 shows best natural grouping)**
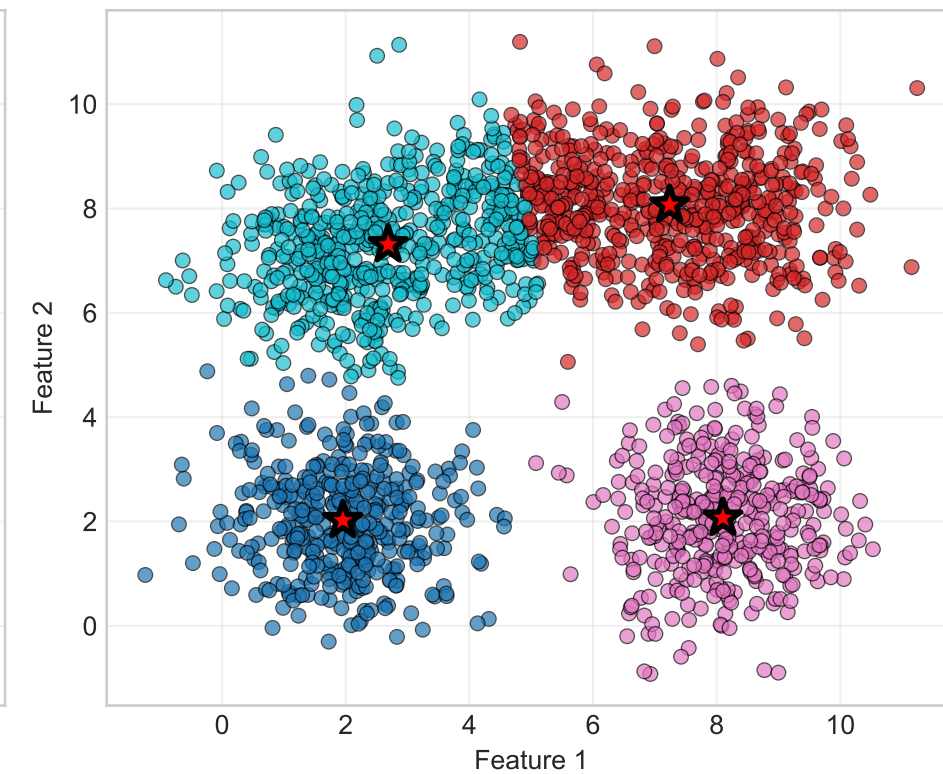
K = 2
Inertia: 19132
Silhouette: 0.457

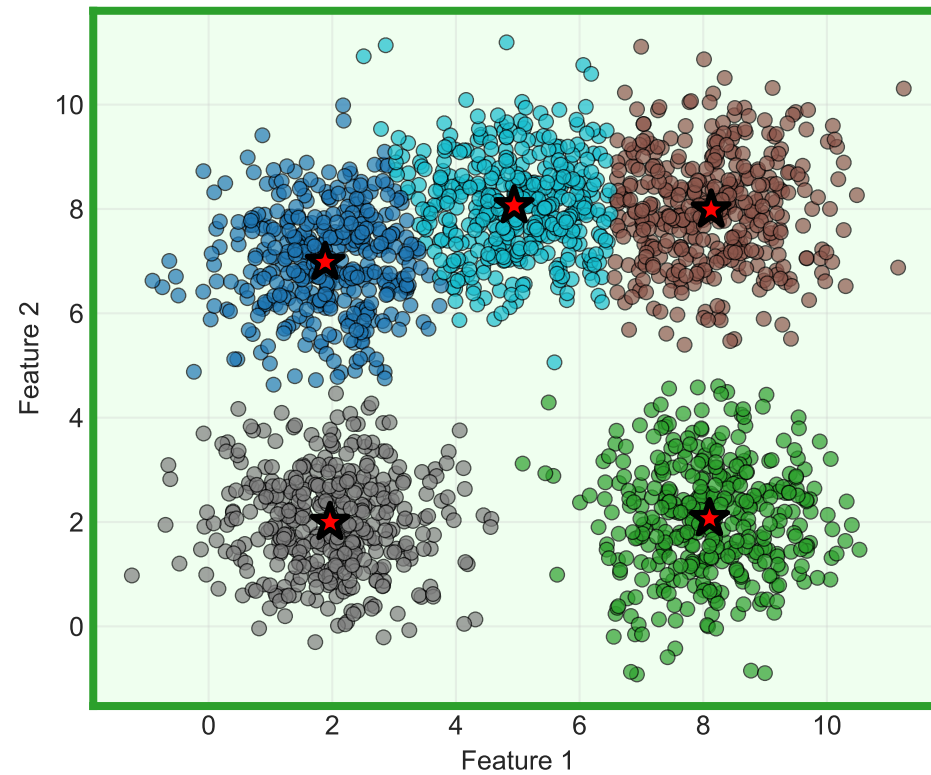K = 3
Inertia: 10532
Silhouette: 0.500

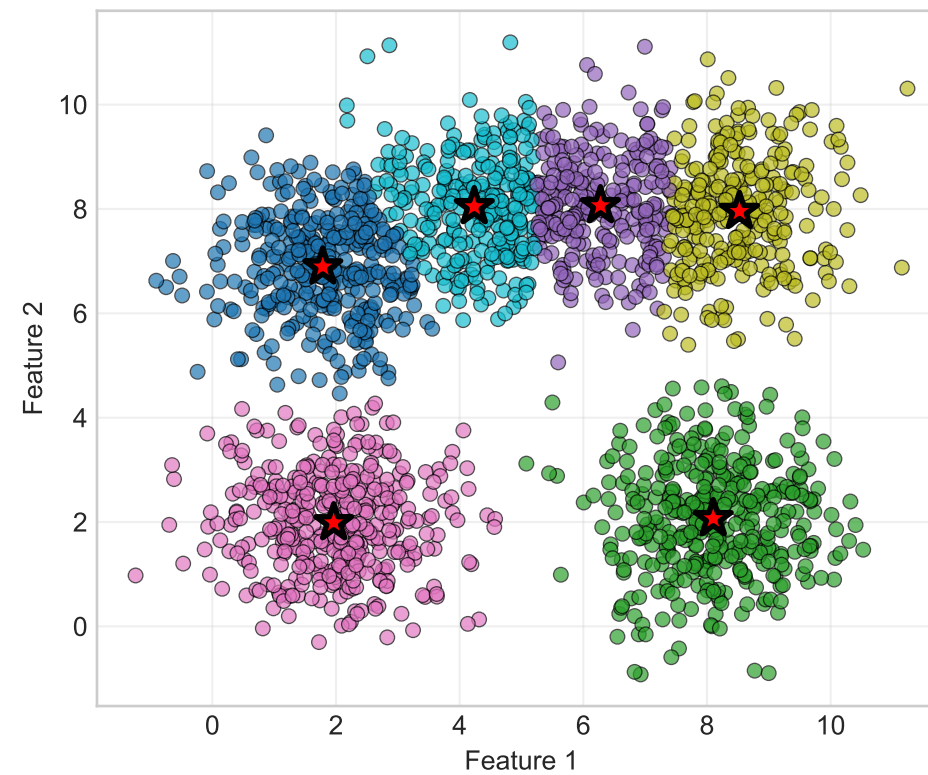K = 4
Inertia: 5171
Silhouette: 0.557

K = 5
Inertia: 3683
Silhouette: 0.539

K = 6
Inertia: 3357
Silhouette: 0.479

K = 7
Inertia: 3063
Silhouette: 0.410