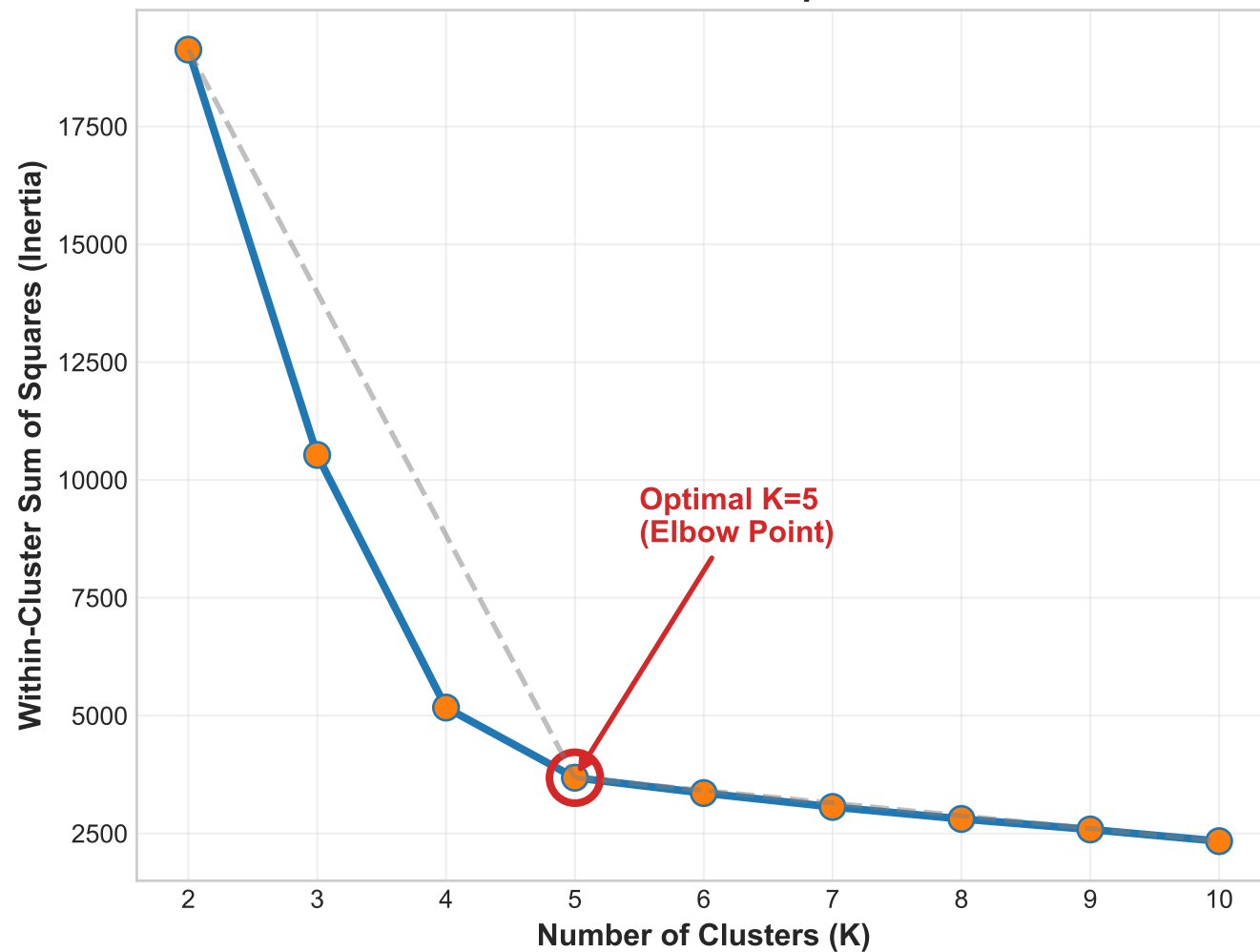Determining Optimal Number of Clusters: Two Methods Agree on K=5