

Results:

- **Number of Clusters:** 4
- **DB Index:** 0.71
- **Elbow Method:** [1194.0000000000002, 950.9319586608342, 661.9284385198898, 394.02280546798374, 329.44541225659907, 269.9130895858641, 208.1679480290823, 153.98432132213622, 134.67423527937893]