

**Results:**

<u>Trial</u>	<u>Initial Centroids</u>	<u>Final Centroid</u>	<u>Final J-term</u>
Trial 1	(72,227) (71,195)	(73.08, 241.06) (71.71, 199.87)	71.07781428857933
Trial 2	(72,193) (70,256)	(71.71, 199.87) (73.08, 241.06)	71.07781428857933
Trial 3	(72,183) (70,199)	(71.71, 199.87) (73.08, 241.06)	71.07781428857933
Trial 4	(69, 250) (71, 232)	(73.08, 241.06) (71.71, 199.87)	71.07781428857933
Trial 5	(75,237) (68,247)	(71.71, 199.87) (73.08, 241.06)	71.07781428857933

**Trial 5 Final Plot:**