	✓	Baseball	
	~	Basketball	
		Soccer/football	
		Music	
		Politics	
		Law	
		Finance	
2.		ritting EM with the random initial parameters you created above. What is the final likelihood that the algorithm converges to? Choose the range that contains this	1 point
	_	lue.	
		Less than 2.2e9	
		Between 2.2e9 and 2.3e9	
		Between 2.3e9 and 2.4e9	
	O	Between 2.4e9 and 2.5e9	
	\bigcirc	Greater than 2.5e9	
	\bigcirc	Greater than 2.569	
3.		the final loglikelihood larger or smaller than the final loglikelihood we obtained	1 point
	ab	ove when initializing EM with the results from running k-means?	
		Initializing EM with k-means led to a larger final loglikelihood	
	$\tilde{\bigcirc}$	Initializing EM with k-means led to a smaller final loglikelihood	
	_	athered are madel. Next, and down 2018, one the Nicoland Park Physical are November 1	4
4.		r the above model, `out_random_init`, use the `visualize_EM_clusters` method u created above. Are the clusters more or less interpretable than the ones found	1 point
		er initializing using k-means?	
		More interpretable	
		Less interpretable	
		, · · · · · · · · · · · · · · · · · · ·	

1 point

Select all the topics that have a cluster in the model created above.

1.