

Project 2: grading criterion

	Things to check	score
Report	Report	40
Demo	Run K-means on new dataset 1	14
	Run hierarchical on new dataset 2	11
	Run density based clustering on new dataset 3	15
	Run mixture model on new dataset 4	10
	Run spectral clustering on new dataset	10
	Total	100

	Things to check	Details	Score
Report	Report (5 algorithms: k-means, hierarchical, density based, mixture model, spectral clustering)	Algorithm description	3*5
		Result visualization	2*5
		Result evaluation, pro and con	3*5
Demo	run K-means on new dataset 1, with specific parameter setting	PCA visualization	4
		External index	4
		Question & Answering	6
	Run hierarchical on new dataset 2	Result	5
		Question & Answering	6
	Run density based clustering on new dataset 3 with specific given parameters	Result, visualization, external index and Q&A	15
	Run mixture model on new dataset 4 with specified parameters	Result, visualization, external index and Q&A	10
	Run spectral clustering on new dataset with specified parameters	Result, visualization, external index and Q&A	10