• (myenv) PS C:\Users\dhanu\Desktop\my_sem5\ML\EC_SECTION_C_PES2UG22CSS174> python Test.pyID EC_C_PES2UG22CS174_Lab4 features and labels are obtainedbefore balancing of the dataset											
		otained -	-before bal	ancing of the dataset							
No of feature											
Decision Tree											
	precision	recall	f1-score	support							
Hip-Hop	0.55	0.56	0.55	182							
Rock	0.90	0.89	0.89	779							
NOCK	0.50	0.65	0.85	113							
accuracy			0.83	961							
macro avg	0.72	0.73	0.72	961							
weighted avg	0.83	0.83	0.83	961							
DECISION TREE RESULTS: precision recall f1-score											
	precision	recall	TI-score	support							
Hip-Hop	0.55	0.56	0.55	182							
Rock	0.90	0.89	0.89	779							
accuracy			0.83	961							
macro avg	0.72	0.73	0.72	961							
weighted avg	0.83	0.83	0.83	961							
LOGISTIC REGR	ESSTON RESULT	rs:									
Decision Tree											
	precision	recall	f1-score	support							
Hip-Hop	0.69	0.49	0.58	182							
Rock	0.89	0.49	0.92	779							
ROCK	0.89	0.95	0.92	//2							
accuracy			0.86	961							
macro avg	0.79	0.72	0.75	961							
weighted avg	0.85	0.86	0.85	961							
	precision	recall	f1-score	support							
	precision	, ccarr	12 30016	заррог с							
Hip-Hop	0.69	0.49	0.58	182							
Rock	0.89	0.95	0.92	779							
accuracy			0.86	961							
macro avg	0.79	0.72	0.75	961							
weighted avg	0.85	0.86	0.75	961							
B.i.ca avb	0.00	0.00	0.00								

#########B					
features and : No of feature		btained -	-before bal	ancing of	the
NO OT TEATURE Decision Tree					
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	precision	recall	f1-score	support	
Нір-Нор	0.76	0.74	0.75	182	
Rock	0.75	0.77	0.76	182	
accuracy			0.76	364	
macro avg	0.76	0.76	0.76	364	
weighted avg	0.76	0.76	0.76	364	
DECISION TREE	RESULTS:				
	precision	recall	f1-score	support	
Нір-Нор	0.76	0.74	0.75	182	
Rock	0.75	0.77	0.76	182	
accuracy			0.76	364	
macro avg	0.76	0.76	0.76	364	
weighted avg	0.76	0.76	0.76	364	
LOGISTIC REGR		TS:			
Decision Tree					
	precision	recall	f1-score	support	
Нір-Нор	0.79	0.79	0.79	182	
Rock	0.79	0.79	0.79	182	
accuracy			0.79	364	
macro avg	0.79	0.79	0.79	364	
weighted avg	0.79	0.79	0.79	364	
	precision	recall	f1-score	support	
Нір-Нор	0.79	0.79	0.79	182	
Rock	0.79	0.79	0.79	182	
accuracy			0.79	364	
macro avg	0.79	0.79	0.79	364	
weighted avg	0.79	0.79	0.79	364	



