2 5		38 27 22 20  0 0 0	ver Medal Bronz 41 32 14 21 28 0 0 0 0	17 58 22 65 23 71 1 1 1 1 1 1 1 1 1 1			
88 77 89 77 90 77 91 77 92 77	7 7 7 7						
olympic_dataset.	ountry Gold Medal Silv		ze Medal Total Ran 33 113	nk By Total			
	f China 38  Japan 27  Britain 22  ROC 20	32 14 21 28	18 88 17 58 22 65 23 71	2 5 4 3			
# Checking the solympic_dataset.	.shape						
plt.figure(figsi	a heatmap ic_dataset.corr()	t= <b>True</b> ,cmap=	'coolwarm')				
<axessubplot:></axessubplot:>	0.93 0.86	0.97	-0.63	-0.8			
0.93	1 0.86	0.97	-0.63	- 0.6 - 0.4			
0.86	0.86 1	0.94	-0.75	- 0.2 - 0.0			
- 0.97	0.97 0.94	1	-0.69	0.2 0.4			
	-0.63 -0.75 Silver Medal Bronze Meda	-0.69	1 Rank By Total	0.6			
Preproces: # Features selec	sing						
[ 7 6 8] [ 7 6 7] [ 7 3 5] [ 6 7 7] [ 6 4 10] [ 4 5 5] [ 4 4 3] [ 4 4 2] [ 4 2 2] [ 4 1 4] [ 3 8 6] [ 3 6 0] [ 3 4 6] [ 3 4 4] [ 3 3 2] [ 3 2 2]							
[ 3 1 5] [ 3 1 2] [ [ 3 1 2] [ [ 3 1 2] [ [ 3 1 2] [ [ 1 1 1] [ [ 1 1 1 1 2] [ [ 1 1 1 1 2] [ [ 1 1 1 1 2] [ [ 1 1 1 1 2] [ [ 1 1 1 1 2] [ [ 1 1 1 1 2] [ [ 1 1 1 1 2] [ [ 1 1 1 1 2] [ [ 1 1 1 1 2] [ [ 1 1 1 1 2] [ [ 1 1 1 1 2] [ [ 1 1 1 1 2] [ [ 1 1 1 1 1] [ [ 1 1 1 1 2] [ [ 1 1 1 1] [ [ 1 1 1 1] [ [ 1 1 1 1] [ [ 1 1 1 1] [ [ 1 1 1] [ [ 1 1 1] [ [ 1 1 1] [ [ 1] [ [ 1 1] [ [ 1] [							
3 1 1 0 5 2 1 1 1 0	2 1 2 1 6 9 4 3 2 2 0 1 0 0 0 0 0 8 data into training	1 1 1 0 4 2 1 1	2 1 0 0 12 3 0 0 1 4 2 2 1 1 1 1 1 1 1 1 1 data	3 0 0 4 2 1 3 2			
Jsing naiv	-	n_test_split	_spiit (X,y,test_size=1	.0)			
<pre># Loading Algori from sklearn.nai clfr = GaussianN  # Fitting traini clfr.fit(X_train</pre>	ive_bayes <b>import</b> Ga NB() ing data	ussianNB					
GaussianNB()  # Prediction on							
y_pre = clfr.pre							
Accuracy s  from sklearn.met result=accuracy_	score for na trics import accura _score(y_test,y_pre	cy_score	es				
from sklearn.met result=accuracy_ print(result)	trics import accura _score(y_test,y_pre	cy_score )					
from sklearn.met result=accuracy_ print(result)  0.8  Jsing supple # Loading Algori from sklearn.svm clfr=svc()	trics import accura _score(y_test,y_pre  port vector  ithm module m import SVC	cy_score )					
from sklearn.met result=accuracy_ print(result)  0.8  Using supple  # Loading Algori from sklearn.svm clfr=svc()  # Fitting traini clfr.fit(X_train	trics import accura _score(y_test,y_pre  port vector  ithm module m import SVC  ing data n,y_train)	cy_score )					
from sklearn.met result=accuracy_ print(result)  0.8  Using supp  # Loading Algori from sklearn.svm clfr=SVC()  # Fitting traini clfr.fit(X_train  SVC()  # Prediction on y_pre = clfr.pre  Accuracy s  from sklearn.met	port vector  ithm module m import svc  ing data n,y_train)  test data edict(X_test)  score for su  trics import accura	cy_score classifie	er	sifier			
from sklearn.metresult=accuracy_print(result)  0.8  Using supple # Loading Algorifrom sklearn.symclfr=SVC()  # Fitting trainiclfr.fit(X_trains)  SVC()  # Prediction on y_pre = clfr.pre  Accuracy stream sklearn.metresult=accuracy_print(result)  0.1	port vector  ithm module m import SVC  ing data n,y_train)  test data edict(X_test)  score for su	classifie	ector clas	sifier			
from sklearn.metresult=accuracy_print(result)  0.8  Using supple # Loading Algorifrom sklearn.symclfr=SVC()  # Fitting trainiclfr.fit(X_trainstr	port vector  ithm module in import svc  itest data edict(X_test)  score for su  trics import accura _score(y_test,y_pre  eighbors cla ithm module ighbors import KNei Classifier(n_neighb	cy_score classifie	ector clas	sifier			
from sklearn.metresult=accuracy_print(result)  0.8  Using supple  # Loading Algorificom sklearn.symclfr=SVC()  # Fitting trainiclfr.fit(X_train)  SVC()  # Prediction on y_pre = clfr.pre  Accuracy stream sklearn.metresult=accuracy_print(result)  0.1  Using K No  # Loading Algorificom sklearn.metresult=accuracy_print(result)  # Loading Algorificom sklearn.neiclfr=KNeighborsC  # Fitting trainiclfr.fit(X_train)  KNeighborsClassifice  # Prediction on	port vector  ithm module import svc  ing data n,y_train)  test data edict(X_test)  classifier(n_neighbors=3)  test data n,y_train)	cy_score )  classifie  cy_score )  asssifie  ghborsclassi ors=3)	ector clas	sifier			
from sklearn.metresult=accuracy_print(result)  0.8  Using supple # Loading Algorifrom sklearn.symclfr=SVC()  # Fitting trainiclfr.fit(X_trainstr	port vector  ithm module ing data edict(X_test)  score for su  trics import accura edict(X_test)  cing data edict(X_test)  cing bors cla ithm module i	cy_score )  classifie  pport vecy_score )  Asssifie  ghborsClassi ors=3)  NeighborsClassi	ector clas				