The content of the co	Installing packages, Loading and insp import numpy as np	ASSIFICATION pecting dataset to have a sneak			
1	<pre>import seaborn as sns  df=pd.read_csv(r"D:\IRIS_FLOW df</pre>	ER_CLASSIFICATION.csv")			
1	0       1       5.1         1       2       4.9         2       3       4.7	3.5 1.4 3.0 1.4 3.2 1.3	<ul><li>0.2 Iris-setosa</li><li>0.2 Iris-setosa</li><li>0.2 Iris-setosa</li></ul>		
1	4       5       5.0              145       146       6.7         146       147       6.3	3.6 1.4 3.0 5.2 2.5 5.0	<ul><li>0.2 Iris-setosa</li><li></li><li>2.3 Iris-virginica</li><li>1.9 Iris-virginica</li></ul>		
The Control of Control	148       149       6.2         149       150       5.9         50 rows × 6 columns	3.4 5.4	2.3 Iris-virginica		
Mathematical   Math	<pre>df.shape (150, 6)  df.head(4)  Id SepalLengthCm SepalWidthCm</pre>	n PetalLengthCm PetalWidthCm	Species		
Company	1       2       4.9       3.0         2       3       4.7       3.2	1.4 0.2 2 1.3 0.2	Iris-setosa Iris-setosa		
Second   S	145     146     6.7       146     147     6.3	3.0     5.2       2.5     5.0	<ul><li>2.3 Iris-virginica</li><li>1.9 Iris-virginica</li></ul>		
Company	148 149 6.2 149 150 5.9 df.info()	3.4 5.4 3.0 5.1	2.3 Iris-virginica		
The content of the	RangeIndex: 150 entries, 0 to Data columns (total 6 columns # Column Non-Null 0 0 Id 150 non-nu 1 SepalLengthCm 150 non-nu	149 ): Count Dtype  ull int64 ull float64			
Company	4 PetalWidthCm 150 non-no 5 Species 150 non-no	ull float64 ull object			
Company	SepalLengthCm 0 SepalWidthCm 0 PetalLengthCm 0 PetalWidthCm 0				
The content of the	0 1 5.1 1 2 4.9 2 3 4.7 3 4 4.6	3.5       1.4         3.0       1.4         3.2       1.3         3.1       1.5	0.2 0.2 0.2 0.2	talLengthCm PetalWi	_dthCm \
Column	145 146 6.7 146 147 6.3 147 148 6.5 148 149 6.2 149 150 5.9	3.0 5.2 2.5 5.0 3.0 5.2 3.4 5.4	2.3 1.9 2.0 2.3		
Company   Comp	0 Iris-setosa 1 Iris-setosa 2 Iris-setosa 3 Iris-setosa 4 Iris-setosa				
March   1985	145 Iris-virginica 146 Iris-virginica 147 Iris-virginica 148 Iris-virginica 149 Iris-virginica [150 rows x 6 columns]>				
March   Marc	count         150.000000         150.000000           mean         75.500000         5.843333	150.000000 150.000000 3.054000 3.758667	150.000000 1.198667		
Company   Comp	min       1.000000       4.300000         25%       38.250000       5.100000         50%       75.500000       5.800000         75%       112.750000       6.400000	2.0000001.0000002.8000001.6000003.0000004.3500003.3000005.100000	0.100000 0.300000 1.300000 1.800000		
Company	<pre>df.columns Index(['Id', 'SepalLengthCm',</pre>			m',	
Security 1997 - 1998 -	<pre>list(df)  ['Id',    'SepalLengthCm',    'SepalWidthCm',    'PetalLengthCm',    'PetalWidthCm',</pre>				
Control   Cont	'Species']  df.Species.value_counts()  Iris-setosa 50  Iris-versicolor 50				
1	<pre>df.drop('Id',axis=1,inplace=T  df.head(6)  SepalLengthCm SepalWidthCm Period</pre>	etalLengthCm PetalWidthCm			
Section   Control   Cont	1       4.9       3.0         2       4.7       3.2         3       4.6       3.1         4       5.0       3.6	1.4 0.2 Iri 1.3 0.2 Iri 1.5 0.2 Iri 1.4 0.2 Iri	s-setosa s-setosa s-setosa s-setosa		
September   Sept	<pre>column = df.select_dtypes(inc. data = column.corr()</pre>		s-setosa		
### Commence of the Commence o	SepalLengthCm SepalLengthCm 1.000000 SepalWidthCm -0.109369	-0.109369	0.817954 -0.356544		
The state of the s	PetalWidthCm 0.817954  plt.figure(figsize=(10,5)) sns.heatmap(data,annot=True,	-0.356544			
Second   S	SepalLengthCm - 1		0.82	0.8	
Care			0.96	0.2	
institution of the content of the co	SepalLengthCm Se	epalWidthCm PetalLengthCm	,		
Security	RangeIndex: 150 entries, 0 to Data columns (total 5 columns # Column Non-Null (	149 ): Count Dtype  ull float64 ull float64			
constitution 700 biological values and min 200 BMS 705 max.  perception 700 biological values 200 BMS 705 max.  perception 700 BMS 70	2 PetalLengthCm 150 non-no 3 PetalWidthCm 150 non-no 4 Species 150 non-no dtypes: float64(4), object(1) memory usage: 6.0+ KB df.shape[1]	ull float64 ull float64			
County   C	<pre>df.shape[0]  150  df.describe() T</pre>				
Tribonizer (value contact)  Tr	SepalLengthCm         150.0         5.843333         0.8           SepalWidthCm         150.0         3.054000         0.4	28066 4.3 5.1 5.80 6.4 33594 2.0 2.8 3.00 3.3	7.9 4.4		
The signature of the si	PetalWidthCm 150.0 1.198667 0.70  df['Species'].value_counts()  Iris-setosa 50  Iris-versicolor 50				
Deal with duplicates values    Comparison	Iris-virginica 50 Name: Species, dtype: int64  df.nunique()  SepalLengthCm 35 SepalWidthCm 23				
actions = off.tamil().sum().sort.values(according = Palse)  actions = off.tamil().sum().sort.values(according = Palse)  papalication	PetalLengthCm 43 PetalWidthCm 22 Species 3 dtype: int64	lues			
Deal with duplicates values  f. drop.caplicates().sum()  fi. drop.caplicates().sum()  ii. f.drop.caplicates(inplace=True)  iii. f.drop.caplicates(	<pre>dataset = df.isnull().sum().s dataset  SepalLengthCm     0 SepalWidthCm     0 PetalLengthCm     0</pre>		lse)		
it for the state of the state o	PetalWidthCm 0 Species 0 dtype: int64	es values			
ns. box lot (dat a-dr)  It : show()  Data with outliers  FetalLengthCm  PetalLengthCm  PetalLeng		ue)			
SepatkerghtCm SepatWidthCm PetalkerghtCm PetalWidthCm  //isulization its.show()  SepatkerghtCm SepatWidthCm PetalkerghtCm PetalWidthCm  //isulization its.show()  SepatkerghtCm Sepatwood	plt.show()				
SepallengthCm SepanwidthCm PetallengthCm PetalwidthCm  SepallengthCm SepanwidthCm  SepanwidthCm SepanwidthCm  SepanwidthCm SepanwidthCm  SepanwidthCm SepanwidthCm  SepanwidthCm  SepanwidthCm SepanwidthCm  Sep	7 - 6 - 5 -				
SepalengthCm SepalwidthCm PetalLengthCm PetalWidthCm  //isulization  Ins. pairplot(df, hue= 'Species' , palette = 'Dark2', diag_kind = 'kde')	4 - 3 - 2 -		-		
species instance in the second of the second		PetalLengthCm PetalWidth	oCm		
Species iris-setosa iris-versicolor iris-virginica iris-versicolor iris-v	plt.show()			<b></b>	
Species iris-setos iris-versicolor liris-virginica  Species iris-versic	Sepall				
Species Iris-setosa Iris-versicolor Iris-virginica Iris-versicolor Ir	4.0				
25 20 15 10 0.5 0.0 4 SepalLengthCm	7 1			. 300	lris-setosa Iris-versicolor
2.0 1.5 1.0 0.5 0.0 4 SepalLengthCm SepalWidthCm', 'SepalLengthCm']] , fill=True)	PetallengthCm 3				
0.5 d d d d d d d d d d d d d d d d d d d	00 000 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		
	#sns.barplot(df[['SepalWidthCl	SepalWidthCm Pe	talLengthCm	1 2 3	
	#sns.barpiot(di[[ˈSepaiwidinc.	J			