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The state of the	o - 2 As we h	7024793388429 4e+02
Services of the control of the contr	In [47]: from In [48]: def User one)	<pre>ing the new instances with the same. imblearn.over_sampling import RandomOverSampler fin_model(X_new): rsm=RandomOverSampler() X_train1, X_test1, y_train1, y_test1=getSplitting(X, y, rsm) gsv.fit(X_train1, y_train1) return gsv.predict(X_new) Program (Use These one for manual entry of data and for .csv format use below these</pre>
The control of the co	lst=	<pre>""""""""""""""""""""""""""""""""""""</pre>
The content of the content is part of the c] In [50]: a=[] for: a1=[a1.a] x1_te Buyin 0 low	<pre> "O":"low", "1":"med", "2":"high" i in range(0,len(lst)): dc=lst[i] print(lst1[i]) for key in dc: print(key,dc[key]) inp=int(input("Enter Choice :")) a.append(inp)] ppend(a) est = pd.DataFrame(al,columns=lst1) est g </pre>
The second secon	2 hig 3 vhi Enter Maint 0 low 1 med 2 hig 3 vhi Enter Doors 0 0-4 1 5mo Enter Perso 0 0-4 1 mor Enter Lug_b 0 sma 1 med 2 big Enter Safet 0 low 1 med 2 hig	th gh Choice:0 th gh Choice:3 re Choice:1 uns e Choice:1 cot 11 Choice:2 y
The second control of the control of	Out[50]: Buy 0 In [51]: fin_r Out[51]: array So Here For .0	Wing Maint Doors Persons Lug_boot Safety 0 3 1 1 2 2 2 model(x1_test) e we have predicted a whole new instance from user for a single instance csv use mentioned below code
In short Description of what is performed in above all cells - instance of the company of the c	Out[52]: buy Out[52]:	<pre>sfer={'vhigh':3, 'high':2, 'med':1, 'low':0, 'small':0, 'big':2, 'unacc':0, 'acc':1, 'good':2, 'vgood':3, 'more':1, .replace(transfer, inplace=True) ying maint doors persons lug_boot safety accept 3</pre>
Selection of the control of the con	0 1 a 0 1 In [54]: y_tes cm, ac prin 1.0 In-sh	3 3 2 2 0 0 1, ccept 0 0) st_pred=fin_model(X_test1) c=getAcc(y_test_pred,y_test1) t (ac) nort Description of what is performed in above all cells st of all after extracting and preprocessing the data from the given dataset we have trained the dataset on all the possible types of
Segment of could provided black of comments of the comments of	pe • Wh • So • For csv Conc From p numeric which is about v In [55]: pip Requi Requi (6.0. Requi 6.0) Requi 6.0) Requi	Informing best among all hile analyzing the dataset we found that their exist data-imbalance problem in the given dataset we have applied various SMOOTE techniques for overcoming accuracy which lead us to get accuracy upt0 99% or the testing purpose we have provided two approaches either enter data manually which is only for one instance or replace your of file with the one mentioned in the folder as per the instruction mentioned above. **Elusion/Inference** **Interpretation of the problems of the probl
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6.0,>-0.5.0->nbconvert) (1.10) Requirement already satisfied; jupyter-client>=6.1.5 in c:\users\admin\anaconda3\lib\site-packages (from nbclient nt(0.6.0,>=0.5.0->nbconvert) (6.1.12) Requirement already satisfied: nest-asyncio in c:\users\admin\anaconda3\lib\site-packages (from nbclient 0.6.0,>=0.5.0->nbconvert) (1.5.1) Requirement already satisfied: tornado>=4.1 in c:\users\admin\anaconda3\lib\site-packages (from jupyter-client -6.1.5->nbclient<0.6.0,>=0.5.0->nbconvert) (6.1) Requirement already satisfied: pympo-13 in c:\users\admin\anaconda3\lib\site-packages (from jupyter-client>-6.1.5->nbclient<0.6.0,>=0.5.0->nbconvert) (2.9.1) Requirement already satisfied: pympo-13 in c:\users\admin\anaconda3\lib\site-packages (from jupyter-client>-6.1.5->nbclient<0.6.0,>=0.5.0->nbconvert) (0.0.0) Requirement already satisfied: pympo-13 in c:\users\admin\anaconda3\lib\site-packages (from jupyter-client>-6.1.5->nbclient<0.6.0,>=0.5.0->nbconvert) (0.0.0) Requirement already satisfied: python-genutils in c:\users\admin\anaconda3\lib\site-packages (from jupyter-client>-6.4->nbconvert) (0.2.0) Requirement already satisfied: jonschema!-2.5.0,>-2.4 in c:\users\admin\anaconda3\lib\site-packages (from jupyter-client>-6.4->nbconvert) (0.2.0) Requirement already satisfied: sonschema!-2.5.0,>-2.4 in c:\users\admin\anaconda3\lib\site-packages (from jsonschema!-2.5.0,>-2.4->nbformat>-4.4->nbconvert) (32.0.0 post20210125) Requirement already satisfied: sub-1.110 in c:\users\admin\anaconda3\lib\site-packages (from jsonschema!-2.5.0,>-2.4->nbformat>-4.4->nbconvert) (1.15.0) Requirement already satisfied: sub-1.10 in c:\users\admin\anaconda3\lib\site-packages (from jsonschema!-2.5.0,>-2.4->nbformat>-4.4->nbconvert) (1.15.0) Requirement already satisfied: pyrsistent>=0.14.0 in c:\users\admin\anaconda3\lib\site-packages (from bleach->nbconvert) (20.1) Requirement already satisfied: pyrsistent>=0.10.10.10 Requirement already satisfied: pyrsistent>=0.10.10 Requirement already satisfied: pyrsistent>=0.10.10 Requirement already sa	r->no Requi eer-> Requi >=1.4 Note: In [56]: pip Requi Requi (2.8. Requi 1.3) Requi t) (0 Requi 7.1) Requi t) (0 Requi Requi (5.0. Requi Requi (5.0. Requi 1) Requi Requi rt) (Requi	tabook-as-pdf) (4.59.0) rement already satisfied: appdirs<2.0.0,>=1.4.3 in c:\users\admin\anaconda3\lib\site-packages (from pyppe notebook-as-pdf) (1.4.4) rement already satisfied: zipp>=0.5 in c:\users\admin\anaconda3\lib\site-packages (from importlib-metadat>pyppeteer->notebook-as-pdf) (3.4.1) you may need to restart the kernel to use updated packages. install nbconvert rement already satisfied: nbconvert in c:\users\admin\anaconda3\lib\site-packages (6.0.7) rement already satisfied: pygments>=2.4.1 in c:\users\admin\anaconda3\lib\site-packages (from nbconvert) 1) rement already satisfied: jinja2>=2.4 in c:\users\admin\anaconda3\lib\site-packages (from nbconvert) (2.1 rement already satisfied: jupyterlab-pygments in c:\users\admin\anaconda3\lib\site-packages (from nbconvert) (4. rement already satisfied: entrypoints>=0.2.2 in c:\users\admin\anaconda3\lib\site-packages (from nbconvert) (3) rement already satisfied: bleach in c:\users\admin\anaconda3\lib\site-packages (from nbconvert) (0.5.3) rement already satisfied: traitlets>=4.2 in c:\users\admin\anaconda3\lib\site-packages (from nbconvert) (5) rement already satisfied: testpath in c:\users\admin\anaconda3\lib\site-packages (from nbconvert) (6) rement already satisfied: testpath in c:\users\admin\anaconda3\lib\site-packages (from nbconvert) (6) rement already satisfied: mbformat>=4.4 in c:\users\admin\anaconda3\lib\site-packages (from nbconvert) (6) rement already satisfied: mbformat>=4.4 in c:\users\admin\anaconda3\lib\site-packages (from nbconvert) (6) rement already satisfied: mistune<2,>=0.8.1 in c:\users\admin\anaconda3\lib\site-packages (from nbconvert) (7) rement already satisfied: mistune<2,>=0.8.1 in c:\users\admin\anaconda3\lib\site-packages (from nbconvert) (8) rement already satisfied: MarkupSafe>=0.23 in c:\users\admin\anaconda3\lib\site-packages (from nbconvert) (8) rement already satisfied: MarkupSafe>=0.23 in c:\users\admin\anaconda3\lib\site-packages (from nbconvert) (9) rement already satisfied: mistune<2,>=0.8.1 in c:\users\admin\ana
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