

[54] :	PURCHASE_TYPE Aver 0 Both 1 INSTALLMENTS 2 NO PURCHASE 3 ONE OFF	T					
[55]:	<pre>df[df['PURCH</pre>	[ASE_TYPE']= [ASE_TYPE']= [ASE_TYPE']= [ASE_TYPE']= [Size = (15, 0, 0, 1, 1]) ['ONE OFF', 'Both', 'NO	= 'INSTALI == 'Both'] == 'NO PURO 5)) 'INSTALL	LMENTS']["BAL ["BALANCE"], CHASE']["BALA MENTS',	ANCE"],		
	17500 15000 12500 10000 7500 5000			O O O O O O O O O O O O O O O O O O O		000000000000000000000000000000000000000	
[56]: :[56]:	ONE OFF data=pd.DataFrame (df data.columns=['PURCH data PURCHASE_TYPE Aver Both INSTALLMENTS	IASE_TYPE','	PURCHASE_1		Both CE'].mean()).reset_:	NO PURCH	ASE
[57]:	2 NO PURCHASE 3 ONE OFF Purchase Transaction data = [df[df['PURCH df[df['PURCH df['PURCH df[df['PURCH df['PURCH df['PURCH df['PURCH df['PURCH df[']"]"]"]"]	2147.760 1438.762 ONS [ASE_TYPE'] = [ASE_TYPE'] = [ASE_TYPE'] =	= 'INSTALI = 'Both']		CHASES_TRX"], RX"],		
	<pre>fig = plt.figure(fig ax = fig.add_axes([0 ax.set_xticklabels([bp = ax.boxplot(data plt.show()</pre>	0, 0, 1, 1]) 'ONE OFF', 'Both', 'NO	'INSTALLN PURCHASE		0 0 0		
	250 200 0 150 0 100 0 ONE OFF			O O O O O O O O O O O O O O O O O O O	Both	NO PURCH	ASF
[58]: :[58]:		IASE_TYPE','	PURCHASE_1 Average I	TYPE')['PURCH	ASES_TRX'].mean()).1		AGE
[59]: :[59]:	<matplotlib.axessu< td=""><td></td><td></td><td><u>–</u></td><td>7c0></td><td></td><td></td></matplotlib.axessu<>			<u>–</u>	7c0>		
	250 200 PARCHASES TEXT TO THE TEXT TO THE TEXT TEXT TO THE TEXT TEXT TEXT TEXT TEXT TEXT TEXT	7500 10000 12 BALANCE	500 15000 1	• 17500			
[60]:	<pre>vals=[df[df['CASH_AD labels=['Advance Cas plt.figure(figsize=(plt.pie(vals,labels= plt.axis('equal') plt.show()</pre>	sh','No Cash (10,5))	Advance'	'] 1f%%')	_ADVANCE']==0].shape	e[0]]	
		No Cash Adva	51.7% ance				
[61]:	<pre>for i in range(len(d if(df['BALANCE'] df['CASH_ADV df['CASH_ADVANCE_RAT <ipython-input-61-04 a="" caveats="" in="" is="" pre="" see="" the="" to="" to<="" trying="" value=""></ipython-input-61-04></pre>	TIO']=0 If)): [i]>100): VANCE_RATIO' TIO'].head() 174b4c14d2> be set on the document][i]=df[' :4: Setti a copy of ation: ht	- ingWithCopyWa f a slice fro	m a DataFrame		ide/indexin
.[61] :	g.html#returning-a-v df['CASH_ADVANCE_R. 0	ATIO'][i]=d ATIO, dtype	f['CASH_A				
[62]:	data1.head()	_		0.000 4248.350 963.240 0.000 1526.590	0.000 3454.560 963.240 0.000 786.300	0.000 793.790 0.000 0.000 740.290	6442.945 7974.416 6173.683 3133.064 2188.420
[63]:	print ("Average Balan print ("Average Purch print ("Average Purch print ("Average Purch print ("Average Cash Average Balance: 11 Average Purchases: Average Purchases Tr Average Purchases Fr Average Cash Advance	mases: ",dat mases Transa mases Freque Advance Fre 64.73808692 498.4906934 mansaction: mequency: 0	a1['PURCH action: ", ency: ",da equency: ' 92654 8127614 6.327323 .21883530	HASES'].mean(,data1['PURCHata1['PURCHAS",data1['CASH	ASES_TRX'].mean()) ES_FREQUENCY'].mean		
[64]: [64]:	x=data1['PURCHASE_TY sns.barplot(list(x.i <matplotlib.axessum 200<="" 250="" 300="" 350="" 400="" td=""><td>ndex),list(</td><td>x.values)</td><td></td><td>cd0></td><td></td><td></td></matplotlib.axessum>	ndex),list(x.values)		cd0>		
[65]:	150 100 50 NO PURCHASE ONE O Customers with no a data2=df[df['CASH_AD data2.head()	advance ca		MENTS			
[65]:	CUST_ID BALANCE B 0 C10001 40.901 2 C10003 2495.149 3 C10004 1666.671 4 C10005 817.714 5 C10006 1809.829		0.818 1.000 0.636 1.000 1.000	95.400 773.170 1499.000 16.000 1333.280	0.000 773.170 1499.000 16.000 0.000	95.400 0.000 0.000 0.000 1333.280	0.000 0.000 205.788 0.000 0.000
[67]:	print ("Average Purch print ("Average Purch print ("Average Purch	ases: ",dat ases Transa ases Freque 25.36074218 1120.379613 ansaction: equency: 0	7894 7398272 16.49882 .54326657	HASES'].mean(,data2['PURCHasata2['PURCHAS	ASES_TRX'].mean()) ES_FREQUENCY'].mean	())	
5/]:	<matplotlib.axessu 2500 2000 1500 500</matplotlib.axessu 	JLS.Axes	plot a	.AZUf94985			
[68]: :[68]:	Description of the state of the	ALANCE', 'B. ASES', 'INS EQUENCY', ' STALLMENTS_ TRX', 'PUR ENTS', 'PRC	ALANCE_FF TALLMENTS ONEOFF_PU FREQUENCY CHASES_TF	S_PURCHASES', URCHASES_FREQ Y', 'CASH_ADV RX', 'CREDIT_	'CASH_ADVANCE',	,	
	dtype='object' Credit Relation Between B sns.scatterplot(df[' <matplotlib.axessu< td=""><td>alance and</td><td>T'],df['H</td><td>BALANCE'])</td><td>370></td><td></td><td></td></matplotlib.axessu<>	alance and	T'],df['H	BALANCE'])	370>		
	17500 15000 12500 10000 7500 5000 2500						
[70]: :[70]:	O 5000 10 df[['CREDIT_LIMIT', ' CREDIT_LIMIT BALANCE PURCHASES PURCHASES_TRX		BALANCE 0.531 1.000 0.181	', 'PURCHASES F 0.357 0.181 1.000	TRX', 'PURCHASES_FREG PURCHASES_TRX PURCHA 0.273 0.154 0.690 1.000		
[71]: :[71]:	PURCHASES_FREQUENCY CASH_ADVANCE	0.120 0.304 RATIO']=df[' o.isfinite(d	-0.078 0.497 BALANCE']	0.393 -0.051]/df['CREDIT_ CE_CREDIT_RAT	0.568 -0.076 LIMIT'] IO'])]['BALANCE_CREI	1.000 -0.216	-0.216 1.000
	0 2 4 6 BALANCE_C	8 10 12 CREDIT_RATIO	14 16				
[72]: :[72]:	data.head()	CREDIT_RATI	0']>1]	URCHASES ONE 1333.280 920.120 176.680	0.000 0.000 0.000	MENTS_PURCHASES CA: 1333.280 920.120 176.680	0.000 0.000 0.000
[73]: :[73]:	INSTALLMENTS 124 Both 58].value_cou		1887.640 0.000	0.000	1887.640 0.000	1605.949 38.326
	NO PURCHASE 23 ONE OFF 23		64		880>		
[74]: :[74]:	ONE OFF 23 Name: PURCHASE_TYPE, sns.violinplot(data[<matplotlib.axessu< td=""><td>'PURCHASES'</td><td></td><td>at 0x20f94bf8</td><td></td><td></td><td></td></matplotlib.axessu<>	'PURCHASES'		at 0x20f94bf8			
	ONE OFF 23 Name: PURCHASE_TYPE, sns.violinplot(data[<matplotlib.axessubsetem of="" subset<="" subsetem="" td="" the=""><td>'PURCHASES'</td><td></td><td>at 0x20f94bf8</td><td></td><td></td><td></td></matplotlib.axessubsetem>	'PURCHASES'		at 0x20f94bf8			
[74]:	ONE OFF 23 Name: PURCHASE_TYPE, sns.violinplot(data[<matplotlib.axessubstitute 0="" 1000="" 5000="" limit<="" purc="" spending="" th="" vs=""><th>DO 15000 CHASES RATIO']=df[D. isfinite(d</th><th>20000 'PURCHASE If ['PURCHA</th><th>ES']/df['CRED ASE_CREDIT_RA</th><th>TIO'])]['PURCHASE_CH</th><th>REDIT_RATIO'])</th><th></th></matplotlib.axessubstitute>	DO 15000 CHASES RATIO']=df[D. isfinite(d	20000 'PURCHASE If ['PURCHA	ES']/df['CRED ASE_CREDIT_RA	TIO'])]['PURCHASE_CH	REDIT_RATIO'])	
[74]:	ONE OFF 23 Name: PURCHASE_TYPE, sns.violinplot(data[<matplotlib.axessui 0="" 1000="" 2="" 4="" 5000="" <matplotlib.axessui="" customer="" data="df[df['PURCHASE]</th" df['purchase_credit_="" limit="" purc="" purchase_c="" sns.violinplot(df[np)="" spending="" vs=""><th>DO 15000 CHASES RATIO']=df[D.isfinite(d) bplots.Axes GREDIT_RATIO</th><th>20000 20000 PURCHASE If ['PURCHA Subplot a</th><th>ES']/df['CRED ASE_CREDIT_RA at 0x20f94cc7</th><th>TIO'])]['PURCHASE_CH</th><th>REDIT_RATIO'])</th><th></th></matplotlib.axessui>	DO 15000 CHASES RATIO']=df[D.isfinite(d) bplots.Axes GREDIT_RATIO	20000 20000 PURCHASE If ['PURCHA Subplot a	ES']/df['CRED ASE_CREDIT_RA at 0x20f94cc7	TIO'])]['PURCHASE_CH	REDIT_RATIO'])	
[75]: [75]:	ONE OFF 23 Name: PURCHASE_TYPE, sns.violinplot(data[<matplotlib.axessui 0="" 1000="" 2="" 4="" 5000="" <matplotlib.axessui="" customer="" data="df[df['PURCHASE" data.head()<="" df['purchase_credit_="" limit="" purc="" purchase_c="" sns.violinplot(df[np)="" spending="" td="" vs=""><td>DO 15000 CHASES RATIO']=df[CREDIT_RATIO more than CCREDIT_RAT</td><td>20000 20000 20000 20000 4 PURCHASE If ['PURCHA Subplot a 10']>1]</td><td>ES']/df['CRED ASE_CREDIT_RA at 0x20f94cc7</td><td>TIO'])]['PURCHASE_CH</td><td></td><td>0.000 0.000 1605.949 0.000</td></matplotlib.axessui>	DO 15000 CHASES RATIO']=df[CREDIT_RATIO more than CCREDIT_RAT	20000 20000 20000 20000 4 PURCHASE If ['PURCHA Subplot a 10']>1]	ES']/df['CRED ASE_CREDIT_RA at 0x20f94cc7	TIO'])]['PURCHASE_CH		0.000 0.000 1605.949 0.000
[74]: [75]: [76]: [77]: [77]:	ONE OFF 23 Name: PURCHASE_TYPE, sns.violinplot(data[<matplotlib.axessui 1078.889="" 12="" 125="" 138="" 1516.929="" 19043.139="" 1923.887="" 22="" 2392.918="" 309="" 5="" 51="" 64="" 66="" <matplotlib.axessui="" balance="" both="" c10013="" c10053="" c10067="" c10131="" c10144="" columns="" cust_id="" customer="" customers="" data="df[df['PURCHASE" data.head())="" data['purchase_type'="" df['purchase_credit_="" hig<="" instaliments="" name:="" purchase_type,="" rows="" sns.violinplot(df[np)="" spending="" td="" with="" ×=""><td>bplots.Axes credit_RATIO more than credit_RATIO bplots.Axes credit_RATIO more than credit_RATIO dtype: int ch Credit Lin ch Credit Lin ch Credit Lin</td><td>20000 20000 20000 20000 20000 20000 20000 20000 20000 300</td><td>ES']/df['CREDASE_CREDIT_RATE</td><td>EOFF_PURCHASES INSTAL 2500.230 2221.740 0.000 12462.440 9449.070</td><td>LIMENTS_PURCHASES C/ 717.760 886.110 1887.640 0.000</td><td>0.000 0.000 1605.949 0.000</td></matplotlib.axessui>	bplots.Axes credit_RATIO more than credit_RATIO bplots.Axes credit_RATIO more than credit_RATIO dtype: int ch Credit Lin ch Credit Lin ch Credit Lin	20000 20000 20000 20000 20000 20000 20000 20000 20000 300	ES']/df['CREDASE_CREDIT_RATE	EOFF_PURCHASES INSTAL 2500.230 2221.740 0.000 12462.440 9449.070	LIMENTS_PURCHASES C/ 717.760 886.110 1887.640 0.000	0.000 0.000 1605.949 0.000
[75]: [75]: [76]: [77]:	ONE OFF 23 Name: PURCHASE_TYPE, sns.violinplot (data[<matplotlib.axessui ("average="" (df[np)="" 1="" 1014.926="" 1078.889="" 12="" 125="" 138="" 1516.929="" 1666.671="" 19043.139="" 1923.887="" 2="" 22="" 2392.918="" 2495.149="" 3="" 309="" 3202.467="" 5="" 51="" 6="" 627.261="" 64="" 8="" <matplotlib.axessui="" b="" balan)<="" balance="" both="" c10002="" c10003="" c10004="" c10007="" c10009="" c10013="" c10053="" c10067="" c10131="" c10144="" columns="" cust_id="" customer="" customers="" data="df[df['PURCHASE" data.head())="" data['purchase_type'="" data['purchase_type',="" datal="df[df['CREDIT_datal.head())" dataplotlib.axessui="" df['purchase_credit_="" hig="" limit="" print="" rows="" sinth="" sns.violinplot="" spending="" td="" vs="" with="" ×=""><td>bplots.Axes continued by the continued</td><td>20000 20</td><td>PURCHASES ONI 3217.990 3107.850 1887.640 12462.440 22009.920 RCHASES ONEO 0.000 773.170 1499.000 7091.010 861.490</td><td>EOFF_PURCHASES INSTALL 2500.230 2221.740 0.000 12462.440 9449.070 ()] FF_PURCHASES INSTALL 0.000 773.170 1499.000 6402.630 661.490</td><td>LIMENTS_PURCHASES C/ 717.760 886.110 1887.640 0.000 12560.850</td><td>0.000 0.000 1605.949 0.000 0.000</td></matplotlib.axessui>	bplots.Axes continued by the continued	20000 20	PURCHASES ONI 3217.990 3107.850 1887.640 12462.440 22009.920 RCHASES ONEO 0.000 773.170 1499.000 7091.010 861.490	EOFF_PURCHASES INSTALL 2500.230 2221.740 0.000 12462.440 9449.070 ()] FF_PURCHASES INSTALL 0.000 773.170 1499.000 6402.630 661.490	LIMENTS_PURCHASES C/ 717.760 886.110 1887.640 0.000 12560.850	0.000 0.000 1605.949 0.000 0.000
[75]: [75]: [76]: [77]: [78]:	ONE OFF 23 Name: PURCHASE_TYPE, sns.violinplot (data[<matplotlib.axessui< td=""><td>PURCHASES' bplots.Axes bplots.Axes 15000 CHASES RATIO']=df[.isfinite(d) bplots.Axes CREDIT_RATIO more than CCREDIT_RATIO dtype: int LIMIT']>=df BALANCE_FREQUE ALANCE_FREQUE CREDIT_RATIO ALANCE_FREQUE ALANCE_FREQUE CREDIT_RATIO ALANCE_FREQUE CREDIT_RATIO ALANCE_FREQUE ALA</td><td>### Subplot a ### Subplot a</td><td>PURCHASES ONIO 3217.990 3107.850 1887.640 12462.440 22009.920 LIMIT'].mean RCHASES ONEO 0.000 773.170 1499.000 773.170 1499.000 7091.010 861.490 E'].mean()) HASES'].mean() data1['PURCHASURE'].mean()) data1['PRC_FU</td><td>EOFF_PURCHASES INSTAL 2500.230 2221.740 0.000 12462.440 9449.070 ()] ASES_TRX'].mean()) ES_FREQUENCY'].mean)</td><td> LMENTS_PURCHASES CA </td><td>0.000 0.000 1605.949 0.000 0.000 0.000 0.000 0.000 0.000 205.788 0.000</td></matplotlib.axessui<>	PURCHASES' bplots.Axes bplots.Axes 15000 CHASES RATIO']=df[.isfinite(d) bplots.Axes CREDIT_RATIO more than CCREDIT_RATIO dtype: int LIMIT']>=df BALANCE_FREQUE ALANCE_FREQUE CREDIT_RATIO ALANCE_FREQUE ALANCE_FREQUE CREDIT_RATIO ALANCE_FREQUE CREDIT_RATIO ALANCE_FREQUE ALA	### Subplot a ### Subplot a	PURCHASES ONIO 3217.990 3107.850 1887.640 12462.440 22009.920 LIMIT'].mean RCHASES ONEO 0.000 773.170 1499.000 773.170 1499.000 7091.010 861.490 E'].mean()) HASES'].mean() data1['PURCHASURE'].mean()) data1['PRC_FU	EOFF_PURCHASES INSTAL 2500.230 2221.740 0.000 12462.440 9449.070 ()] ASES_TRX'].mean()) ES_FREQUENCY'].mean)	LMENTS_PURCHASES CA	0.000 0.000 1605.949 0.000 0.000 0.000 0.000 0.000 0.000 205.788 0.000
[75]: [75]: [76]: [77]: [78]: [78]:	ONE OFF 23 Name: PURCHASE_TYPE, sns.violinplot (data[<matplotlib.axessui ("average="" (df="" 0="" 1="" 1000="" 1014.926="" 1078.889="" 12="" 125="" 138="" 1516.929="" 1666.671="" 19043.139="" 1923.887="" 2="" 22="" 2392.918="" 2495.149="" 3="" 309="" 3202.457="" 4="" 5="" 5000="" 51="" 6="" 627.261="" 64="" 66="" 8="" [np="" b="" balan="" balance="" both="" c10002="" c10003="" c10004="" c10007="" c10009="" c10013="" c10053="" c10067="" c10131="" c10144="" cmatplotlib.axessui="" columns="" cust_id="" customers="" data['purchase_type'="" datal="df[df['CREDIT_datal.head())" df['purchase_credit_sns.violinplot="" hig="" installments="" limit="" name:="" print="" print<="" purc="" purch="" purchase_data.head()="" purchase_type,="" rows="" spending="" td="" vs="" with="" ×=""><td>"PURCHASES" bplots.Axes bplots.Axes 15000 CHASES RATIO']=df[D.isfinite(d) bplots.Axes CREDIT_RATIO MORE than CREDIT_RATIO ALANCE_FREQUE ALANCE_FREQUE CREDIT_RATIO ALANCE_FREQUE ALANCE_</td><td>Subplot a 200000 20000 20000 20000 20000 20000 20000 20000 20000 2000</td><td>LIMIT'].mean PURCHASES ONEO at 0x20f94cc7 At 0x20</td><td>EOFF_PURCHASES INSTALL 2500.230 2221.740 0.000 12462.440 9449.070 ()] ASES_TRX'].mean()) ES_FREQUENCY'].mean) LL_PAYMENT'].mean())</td><td> LMENTS_PURCHASES CA </td><td>0.000 0.000 1605.949 0.000 0.000 0.000 0.000 0.000 0.000 205.788 0.000</td></matplotlib.axessui>	"PURCHASES" bplots.Axes bplots.Axes 15000 CHASES RATIO']=df[D.isfinite(d) bplots.Axes CREDIT_RATIO MORE than CREDIT_RATIO ALANCE_FREQUE ALANCE_FREQUE CREDIT_RATIO ALANCE_FREQUE ALANCE_	Subplot a 200000 20000 20000 20000 20000 20000 20000 20000 20000 2000	LIMIT'].mean PURCHASES ONEO at 0x20f94cc7 At 0x20	EOFF_PURCHASES INSTALL 2500.230 2221.740 0.000 12462.440 9449.070 ()] ASES_TRX'].mean()) ES_FREQUENCY'].mean) LL_PAYMENT'].mean())	LMENTS_PURCHASES CA	0.000 0.000 1605.949 0.000 0.000 0.000 0.000 0.000 0.000 205.788 0.000
[75]: [75]: [76]: [77]: [78]: [78]:	ONE OFF 23 Name: PURCHASE_TYPE, sns.violinplot(data[<pre></pre>	"PURCHASES" bplots.Axes bplots.Axes "ATIO']=df["Disfinite(d) bplots.Axes "CREDIT_RATIO" "MORE than "CREDIT_RATIO" "ALANCE_FREQUE "ALANC	Subplot a Subplot a 20000 2	DURCHASES ONIO at 0x20f94cc7 at 0x20f94cc7 at 0x20f94cc7 at 0x20f94cc7 at 0x20f94cc7 Ast	EOFF_PURCHASES INSTALL 2500.230 2221.740 0.000 12462.440 9449.070 ()) ASES_TRX'].mean()) ES_FREQUENCY'].mean) LL_PAYMENT'].mean()) 1c0>	LMENTS_PURCHASES CA	0.000 0.000 1605.949 0.000 0.000 0.000 0.000 0.000 0.000 205.788 0.000
[75]: [75]: [76]: [77]: [78]: [78]: [80]:	ONE OFF 23 Name: PURCHASE_TYPE, sns.violinplot(data[<a al<="" alance_freque="" balance_freque="" bplots.axes="" c.isfinite(d)="" ccredit_ratio="" credit_ratio="" dtype:="" gredit_ratio="" href="mailto:decorated-recor</td><td>" int="" more="" purchases"="" ratio']="df[" td="" than=""><td>Subplot a Subplot a 20000 PURCHASE If 'PURCHA Subplot a 1.000 1.00</td><td>ES']/df['CRED ASE_CREDIT_RA at 0x20f94cc7 DURCHASES ONI at 0x20f94cc7 12402.440 22009.920 E'].mean() 12462.440 22009.920 E'].mean() Adata['PURCHASURE'].mean() Adata['PURCHASURE'].</td><td>EOFF_PURCHASES INSTALL 2500.230 2221.740 0.000 12462.440 9449.070 ()) ASES_TRX'].mean()) ES_FREQUENCY'].mean) LL_PAYMENT'].mean()) 1c0></td><td>MENTS_PURCHASES CAS 0.000 12560.850 MENTS_PURCHASES CAS 0.000 0.000 0.000 688.380 200.000</td><td>0.000 1605.949 0.000 0.000 0.000 205.788 0.000 0.000</td>	Subplot a Subplot a 20000 PURCHASE If 'PURCHA Subplot a 1.000 1.00	ES']/df['CRED ASE_CREDIT_RA at 0x20f94cc7 DURCHASES ONI at 0x20f94cc7 12402.440 22009.920 E'].mean() 12462.440 22009.920 E'].mean() Adata['PURCHASURE'].mean() Adata['PURCHASURE'].	EOFF_PURCHASES INSTALL 2500.230 2221.740 0.000 12462.440 9449.070 ()) ASES_TRX'].mean()) ES_FREQUENCY'].mean) LL_PAYMENT'].mean()) 1c0>	MENTS_PURCHASES CAS 0.000 12560.850 MENTS_PURCHASES CAS 0.000 0.000 0.000 688.380 200.000	0.000 1605.949 0.000 0.000 0.000 205.788 0.000 0.000	
[74]: [75]: [76]: [77]: [77]: [78]: [80]: [80]:	ONE OFF 23 Name: PURCHASE TYPE, sns.violinplot (data[cmatplotlib.axessu description of the composition	PURCHASES' bplots.Axes Do 15000 CHASES RATIO']=df[isfinite(d) bplots.Axes 6 CREDIT_RATIO I more than CCREDIT_RATI BALANCE_FREQUE ALANCE_FREQUE CALANCE_FREQUE CALA	Subplot 8 20000 PURCHASE 8 8 8 8 8 8 8 8 8	ES']/df['CRED ASE_CREDIT_RA at 0x20f94cc7 at 0x20f94cc7 Bat 0	### TIO'])]['PURCHASE_CI #### SEOFF_PURCHASES INSTALL ### 2502.230	MENTS_PURCHASES CAS	0.000 1605.949 0.000 0.000 0.000 0.000 205.788 0.000 0.000 0.000 0.000 0.000 0.000 0.000
[74]: [75]: [76]: [77]: [78]: [78]: [80]: [80]: [81]:	ONE OFF 23 Name: PURCHASE TYPE, sns.violinplot(data[PURCHASES' bplots.Axes Do 15000 CHASES RATIO']=df[isfinite(d) bplots.Axes GREDIT_RATIO I more than CCREDIT_RATIO I	20000 "PURCHASE "I PURCHASE "I I PURCHA Subplot a "I O']>1] EQUENCY F 1.000 1	ES']/df['CRED ASE_CREDIT_RA at 0x20f94cc7 Dit PURCHASES ONI 3217.990 3107.850 1887.640 12462.440 22009.920 LIMIT'].mean RCHASES ONEO 0.000 773.170 1499.000 773.170 1499.000 40451['PRC_FU 94366197184 853521137 7259154935)) at 0x20f94e45 LIMIT'].mean() PRCHASES ONEO 0.000 13.3.280 436.200 920.120 E'].mean()) At 0x20f94e45 Dit 10x20f94e45 Dit 10x20f94e45 Dit 10x20f94e45 Dit 10x20f94e45	### TIO')]['PURCHASE_CI ### STALL ### STA	MENTS_PURCHASES CAS	0.000 1605.949 0.000 0.000 0.000 0.000 205.788 0.000 0.000 0.000 0.000 0.000 0.000 0.000
[74]: [75]: [76]: [77]: [78]: [78]: [80]: [80]: [81]:	ONE OFF 23 Name: FURCHASE TYPE, sns.violinplot(data[<pre></pre>	PURCHASES' bplots.Axes Do 15000 CHASES RATIO'J=df[isfinite(d) bplots.Axes CREDIT_RATIO Immore than CREDIT_RAT BALANCE_FREQUE ALANCE_FREQUE ALANCE_FREQUE BALANCE_FREQUE CREDIT_RAT BALANCE_FREQUE CREDIT_RAT BALANCE_FREQUE CREDIT_RAT CREDIT_RA	######################################	ES']/df['CRED ASE_CREDIT_RA at 0x20f94cc7 Dit PURCHASES ONI 3217.990 3107.850 1887.640 12462.440 22009.920 LIMIT'].mean RCHASES ONEO 0.000 773.170 1499.000 773.170 1499.000 40451['PRC_FU 94366197184 853521137 7259154935)) at 0x20f94e45 LIMIT'].mean() PRCHASES ONEO 0.000 13.3.280 436.200 920.120 E'].mean()) At 0x20f94e45 Dit 10x20f94e45 Dit 10x20f94e45 Dit 10x20f94e45 Dit 10x20f94e45	### TIO')]['PURCHASE_CI ### STALL ### STA	MENTS_PURCHASES CAS	0.000 1605.949 0.000 0.000 0.000 0.000 205.788 0.000 0.000 0.000 0.000 0.000 0.000 0.000
[74]: [75]: [76]: [77]: [78]: [81]: [81]: [83]:	ONE OFF 23 Name: PURCHASE_TYPE, sns.violinplot(data[Cmatplotlib.axessu of PURCHASE_CREDIT sns.violinplot.ddf.gn cmatplotlib.axessu of PURCHASE_CREDIT sns.violinplot.ddf.gn cmatplotlib.axessu of PURCHASE_CREDIT sns.violinplot.ddf.gn cmatplotlib.axessu of Customer spending data=df [df['PURCHASE data.head()' CUST_ID BALANCE 12 C10013 1516.929 51 C10053 1078.889 64 C10067 1923.897 64 C10067 1923.897 64 C10067 1923.897 65 C10053 1078.899 66 C10067 1923.897 67 C10131 2392.987 67 C10131 2392.987 68 C10067 1923.897 68 C10067 1923.897 69 C10131 2392.987 60 NET OF CONTROL OF CONTRO	PURCHASES' bplots.Axes bplots.Axes RATIO']=df[isfinite(d) bplots.Axes accident and credit Lin credit Lin credit Lin liner']>=df ALANCE_FREQ brance ", data1 asses Traque accident and credit Lin liner']>=df ALANCE_FREQ credit Lin cr	PURCHASE I PURCHA	### PURCHASES ONE ### As 0x20f94cc7 ### As 0x20f94cc7 ### 3217.990 ### 3107.850 ### 12462.440 ### 122009.920 ### 12462.440 ### 22009.920 ### 1. mean ()) ### 1. mean () ### 1. mean	### TIO')]['PURCHASE_CI ### STONE	MENTS_PURCHASES	0.000 0.000 1605.949 0.000 0.000 0.000 205.788 0.000 0.000 0.000 0.000 0.000 0.000 0.000
[74]: [74]: [76]: [77]: [77]: [77]: [78]: [80]: [81]: [81]: [81]: [82]:	ONE OFF 23 Name: PURCHASE TYPE, sns.violimplot(data[cmatplotlib.axessu def['PURCHASE CREDIT_ sns.violimplot(df[np) Cmatplotlib.axessu def['PURCHASE CREDIT_ sns.violimplot(df[np) Cmatplotlib.axessu def cloos spending data—df [df]('PURCHASE catalanead() CUST_ID BALANCE 12 C100131 1516-929 51 C10033 1078-889 64 C10067 1923-887 125 C10131 2392-918 138 C10144 19043.139 5 rows × 22 columns data['PURCHASE_TYPE, Customers with Hig DATA LIMENTS 66 Name: PURCHASE_TYPE, Customers with General Control of the column of the co	PURCHASES' bplots.Axes 100 15000 CHASES RATIO']=df[.isfinite(d) bplots.Axes 6 CREDIT_RATIO 1 MORE than 6 CREDIT_RATIO 2 MALANCE_FREQUE ALANCE_FREQUE	Subplot a Subplot a PURCHASE IF I	### PURCHASES ONE ### PURCHASES ONE ### A	TTO']) ['PURCHASE_CI 880> EOFF_PURCHASES INSTALL 2500.230 2221.740 0.000 12462.440 9449.070 ()] OFF_PURCHASES INSTALL 499.030 6402.630 661.490 ASES_TRX'].mean()) SS_FREQUENCY'].mean)) LL_PAYMENT'].mean(); 100> 100> 100> 100> 100> 100> 100> 100> 100> 100> 100> 100> 100> 100> 100 100	MENTS_PURCHASES	0.000 0.000 1605.949 0.000 0.000 0.000 205.788 0.000 0.000 0.000 0.000 0.000 0.000 0.000
[74]: [74]: [76]: [77]: [77]: [77]: [78]: [80]: [81]: [81]: [81]: [82]:	ONE OFF Name: PURCHASE_TYPE, sns.violinplot(data] Antiplotlib.axesgu O	PURCHASES' bplots.Axes bplots.Axes CRATIO']=def(Distributed bplots.Axes CREDIT_RATIO IMORE than CCREDIT_RAT BALANCE_FREQUE CONTENT CONTENT CONTENT	Subplot a Subplot a 20000 20000 PURCHASE If 'PURCHASE If 'PURCHASE Subplot a 1000 1.	### PURCHASES ONE ### PURCHASES ONE ### A	TTO']) ['PURCHASE_CI 880> EOFF_PURCHASES INSTALL 2500.230 2221.740 0.000 12462.440 9449.070 ()] OFF_PURCHASES INSTALL 499.030 6402.630 661.490 ASES_TRX'].mean()) SS_FREQUENCY'].mean)) LL_PAYMENT'].mean(); 100> 100> 100> 100> 100> 100> 100> 100> 100> 100> 100> 100> 100> 100> 100 100	MENTS_PURCHASES	0.000 0.000 1605.949 0.000 0.000 0.000 205.788 0.000 0.000 0.000 0.000 0.000 0.000 0.000
[75]: [76]: [77]: [78]: [78]: [80]: [81]: [81]: [81]: [82]:	ONE OFF SPENCHASE TYPE, SAME: FURCHASE TYPE, SAME: FURCHASE TYPE, SAME TO THE TOTAL THE TOTA	PURCHASES DIPURCHASES DIPURCHASES DIPURCHASES DIPURCHASES DIPURCHASES RATIO'] = df[DIPURCHASES RATIO'] = df[DIPURCHASES RATIO'] = df[DIPURCHASES RATIO'] = df[DIPURCHASES CREDIT_RATIO DIPURCHASE	Subplot a Subplot a PURCHASE PURCHASE Subplot a Subplot a Subplot a A Subplot a	ES']/df['CREDABLE CREDIT_RABE CREDIT_RABE CREDIT_RABE ONEO 3217.990 3107.850 1887.640 12462.440 22009.920 LIMIT'].mean RCHASES ONEO 0.000 773.170 1499.000 7091.010 861.490 E'].mean()) data1['PURCHASURE'].mean()) data1['PURCHASURE'].mean()) data1['PURCHASURE'].mean()) data2['PURCHASURE'].mean()) data2['PURCHASURE'].mean() data2['PURCHASURE'].mean()) data2['PURCHASURE'].mean()) data2['PURCHASURE'].mean() data2['PURCHASURE'].mean() data2['PURCHASURE'].mean() data2['PURCHASURE'].mean() data2['PURCHASURE'].mean() data2['PURCHASURE'].mean() data2['PURCHASURE'].mean() data2['PURCHASURE'].mean() data2['PURCHASURE'].mean() data2['PURCHASURE'].	EOFF_PURCHASES INSTALLM 2500.230 2221.740 0.000 12462.440 9449.070 ()] FF_PURCHASES INSTALLM 0.000 773.170 1490.030 661.490 661.490 DES_FREQUENCY'].mean(); ES_FREQUENCY'].mean(); ES_FREQUENCY'].mean(); 1c0> DOFF_PURCHASES INSTALLM 0.000	MENTS_PURCHASES	0.000 0.000 1605.949 0.000 0.000 0.000 205.788 0.000 0.000 0.000 0.000 0.000 0.000 0.000
[75]: [76]: [77]: [78]: [78]: [80]: [81]: [81]: [81]: [82]:	SNE OFF SNEW: PURCHASE TYPEY, INSTALLMENTS NO PURCHASE Spending vs Limit AND STALLMENTS CREATING Spending vs Limit AND STALLMENTS CREATING SPENDER SPENDING CMETTO BALANCE 12 C10013 1516.929 51 C1003 1516.929 51 C1003 1516.929 51 C1003 178.889 64 C10067 1782.887 CUST_ID BALANCE B 12 C10013 1516.929 51 C1003 178.89 64 C10067 1782.887 CUST_ID BALANCE B 1 C1002 2495.18 1 C1002 2495.18 1 C1002 2495.18 1 C1002 2495.18 1 C1000 2495.18 1 C1000 2495.18 1 C1000 2495.18 1 C1000 101.928 5 rows × 22 columns Drint ("Average Furchases Fraverage Purchases Fraverage Fr	PURCHASES DIPURCHASES DIPURCHASES DIPURCHASES DIPURCHASES DIPURCHASES RATIO'] = df[DIPURCHASES RATIO'] = df[DIPURCHASES RATIO'] = df[DIPURCHASES RATIO'] = df[DIPURCHASES CREDIT_RATIO DIPURCHASE	PURCHASE PURCHASE If 'PURCHASE If 'PURCHASE If 'PURCHASE If 'PURCHASE If 'PURCHASE If 'PURCHASE If 'CREDIT IF 'CREDIT	ES']/df['CREDABLE CREDIT_RABE CREDIT_RABE CREDIT_RABE ONEO 3217.990 3107.850 1887.640 12462.440 22009.920 LIMIT'].mean RCHASES ONEO 0.000 773.170 1499.000 7091.010 861.490 E'].mean()) data1['PURCHASURE'].mean()) data1['PURCHASURE'].mean()) data1['PURCHASURE'].mean()) data2['PURCHASURE'].mean()) data2['PURCHASURE'].mean() data2['PURCHASURE'].mean()) data2['PURCHASURE'].mean()) data2['PURCHASURE'].mean() data2['PURCHASURE'].mean() data2['PURCHASURE'].mean() data2['PURCHASURE'].mean() data2['PURCHASURE'].mean() data2['PURCHASURE'].mean() data2['PURCHASURE'].mean() data2['PURCHASURE'].mean() data2['PURCHASURE'].mean() data2['PURCHASURE'].	EOFF_PURCHASES INSTALLM 2500.230 2221.740 0.000 12462.440 9449.070 ()] FF_PURCHASES INSTALLM 0.000 773.170 1490.030 661.490 661.490 DES_FREQUENCY'].mean(); ES_FREQUENCY'].mean(); ES_FREQUENCY'].mean(); 1c0> DOFF_PURCHASES INSTALLM 0.000	MENTS_PURCHASES	0.000 0.000 1605.949 0.000 0.000 0.000 205.788 0.000 0.000 0.000 0.000 0.000 0.000 0.000
[75]: [76]: [77]: [78]: [77]: [78]: [78]: [78]: [88]: [88]: [88]: [88]: [88]:	Spending vs Limit Spending vs Limit of 'purchase cappur sna.violinplotidate [matplotlib.axessu observed at the control of the capput o	PURCHASES' bplots.Axes bplots.Axes 100 15000 CHASES RATIO']=df[C. instinite (d) bplots.Axes RATIO']=df[CREDIT_RATIO IMMORE than CREDIT_RATIO	Subplot a Subplot a PURCHASE Subplot a S	ES']/df['CRED ASE_CRDTT_RA ASE_CRDTT_RA at 0x20f94cc7 Interpolation of the control of the contr	EOFF_PURCHASES INSTALL 2500.230 2221.740 0.000 12462.440 9449.070 PF_PURCHASES INSTALL 2500.230 2221.740 0.000 73.170 1499.000 6402.630 661.490 PS_FREQUENCY'].mean()) BS_FREQUENCY'].mean()) ASES_TRX'].mean()) BS_FREQUENCY'].mean()) 1c0>	MENTS_PURCHASES CAS MENTS_PUR	#_ADVANCE 1
[75]: [76]: [77]: [78]: [77]: [78]: [78]: [78]: [88]: [88]: [88]: [88]: [88]:	Customer spending Customer spending Spending vs Limit df 'Ourchase Casor marpletlib.axesgu Customer spending Gatuacitet' Purchase at violinploted in charlotlib.axesgu Customer spending Gatuacitet' Purchase data.head') Customer spending Gatuacitet' Purchase for command in the seed of the	PURCHASES' bplots.Axes 15000 15000 CHASES RATIO']=df[CREDIT_RATE of the content of the conten	Subplot a Subplot a PURCHASE PURCHASE Subplot a Su	### ### ### ### ### ### ### ### ### ##	EOFF_PURCHASES INSTALL 250.230 221.740 0.000 12462.440 9449.070 ()] FF_PURCHASES INSTALL 77.370 1499.000 6402.630 661.490)) ASES_TRX'[.mean()) ES_FREQUENCY'].mean (): 11.DAYMENT'].mean(): 11.DAYMENT'].mean(): 11.DAYMENT'].mean(): 11.DAYMENT'].mean(): 11.DAYMENT'].mean(): 11.DAYMENT'].mean(): 11.DAYMENT'].mean(): 11.DAYMENT'].mean(): 11.DAYMENT'].mean(): 12.DAYMENT'].mean(): 13.DAYMENT'].mean(): 14.DAYMENT'].mean(): 15.DAYMENT'].mean(): 16.000 1	MENTS_PURCHASES CAS MENTS_PUR	#_ADVANCE 1
[75]: [76]: [77]: [78]: [77]: [78]: [78]: [78]: [88]: [88]: [88]: [88]: [88]:	Customer spending data-didatal Punchase, or any and a spending to the control of	PURCHASES' bplots.Axes bplots.Axes RATIO']=df[Cisfinite(d) bplots.Axes CHASES RATIO']=df[Cisfinite(d) bplots.Axes CHASES RATIO']=df[Cisfinite(d) bplots.Axes CREDIT_RATIO MORE than CREDIT_RATIO MORE than CREDIT_RATIO J.value_cou dtype: int CREDIT_RATIO ALANCE_FREQU dtype: int CALANCE_FREQU dtype: int ALANCE_FREQU dtype: int ALANCE_FREQU dtype: int predit int call int	### PURCY PU	ES'I/df['CREER ASE_CASE_CITEDT_RA ASE_CASE_CASE_CASE_CASE_CASE_CASE_CASE_C	EOFF_PURCHASES INSTALL 2500_230 227.740 0.000 1266_440 1467_440 1469_440 1469_661_490 661_490 661_490 661_490 661_490 1000 100000	MENTS_PURCHASES CAS	### ADVANCE 1
[75]: [76]: [77]: [78]: [77]: [78]: [78]: [78]: [88]: [88]: [88]: [88]: [88]:	Customer spending Customer spending Spending vs Limit Spending vs Limit Spending vs Limit Customer spending Customer spen	PURCHASES' bplots.Axes bplots.Axes RATIO']=df[.isfinite(d bplots.Axes cases and asses and as	### COUNTY PU ### CO	ES'J/df['CREER ASE /CREDITE RA AST /CREDITE RA	EOFF_PURCHASES INSTALL 2002/200 20000 1246240 9449070 FF_PURCHASES INSTALL 2007 173.170 149000 673.170 1490.00 601.90 10.0	MENTS_PURCHASES CAS MENTS_PURCHASES CAS MENTS_PURCHASES CAS 0.000 0.0	SH_ADVANCE 1
[76]: [77]: [78]: [77]: [78]: [78]: [80]: [81]: [81]: [81]: [82]: [83]: [84]: [85]: [85]:	Spending vs.Limit OF STANDARD CREATE ANALYSIC PROCESSE CYPE, SINGUID PROCESSE CYPE, SINGUID CONTROL SPENDING CREATE ANALYSIC PROCESSE CYPE, ANALYSIC PROCESSE CREATE A	PURCHASES' bplots.Axes bplots.Axes RATIO']=df(chisteric) bplots.Axes CREDIT_RATIO	### PURCHASE ##	ES' /df['CRED ASE_CRDIT_AR AT OX20F94CC7 AT OX20F92CC7 AT OX20F94CC7 AT OX20F9	EOFF_PURCHASES INSTALL 2002/200 20000 1246240 9449070 FF_PURCHASES INSTALL 2007 173.170 149000 673.170 1490.00 601.90 10.0	LIMENTS_PURCHASES	### ADVANCE IN COMPANY
[76]: [77]: [78]: [77]: [78]: [78]: [80]: [81]: [81]: [81]: [82]: [83]: [84]: [85]: [85]:	Spending vs Limit Signature Spending Spending vs Limit Self Purchase Creating Self Closs 1 1928897 Self Closs 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	PURCHASES' PURCHA	### PURCHASE ##	ES' /df['CRED ASE_CRDIT_AR AT OX20F94CC7 AT OX20F92CC7 AT OX20F94CC7 AT OX20F9	EOFF_PURCHASES INSTALL 2021240 10.000 12462440 9449.070 ()) FF_PURCHASES INSTALL 0.000 17480 0.000 17480 0.000 17480 0.000 17480 185_TREV'].mean()) 85_FREQUENCY'].mean() 185_FREQUENCY'].mean() 100> 1000 0.000 0.000 0.000 0.000 1000 0.000 1000	LIMENTS_PURCHASES	### ADVANCE 1
[74]: [75]: [76]: [77]: [78]: [78]: [80]: [81]: [81]: [81]: [82]: [84]: [84]: [84]: [84]: [85]: [87]: [87]: [88]:	Customers with High data Total Process Tot	POPECHASES POPECH	### COUNTY PU COUNTY	PURCHASES ONE AST ASSOCIATION PURCHASES ONE 3217.990 3107.850 1887.640 12462.440 22009.920 210.00 211.00 221.00 221.00 231.00 2436.6197184 253.221137 725.915.4935 2436.6197184 253.221137 725.915.4935 25.10 26.10 27.10 28.10 28.10 29.10	DOFF_PURCHASES INSTALL 2502.730 2502.7	LIMENTS_PURCHASES	H_ADVANCE F 6442.945 0.000 0.0
[74]: [75]: [75]: [77]: [78]: [78]: [88]: [88]: [88]: [88]: [88]: [88]: [88]: [88]: [88]: [88]:	Spending vs Limit Where POSCHARSE TYPE, REMANDING SCHOOL	PURCHASES PURCHASES DEPLOTANCE RATIO']=df CATIO'I = df DEPLOTATIO POPURCHANC CREDIT_RATIO IMMORE than IMMORE TREQUITE CRESS ", datal LANCE_FREQUITE CRESS ", datal LASS FREQUE CRESS ", datal LASS FREQUE CRESS ", datal CRESS TANACA CRESS	PURCHAS: ### COUNTY FU ### COUNTY FU ### 1.000 ###	DESTINATION THE CONTROL OF THE CONT	EOFF_PURCHASES INSTALL PROPERTY OF THE PURCHASES INSTALL 10.000 10.404 1440.000 10.000 1440	LIMENTS_PURCHASES	### ADVANCE 1
[76]: [77]: [77]: [77]: [78]: [78]: [88]: [88]: [88]: [88]: [88]: [88]: [88]: [88]:	Spending vs Limit OF 1978 CHARLES TO THE TO	DEPORTATION DEPOR	PUPCHASH THORY TOTAL	DECRETABLE ONE SE'J/df['CREE ASE_CREDIT_RA ASE_CREDIT_RA AL 0x20f94cc7 ASE_CREDIT_RA AL 0x20f94cc7 ASE_CREDIT_RA AL 0x20f94cc7 ASE_CREDIT_RA AL 0x20f94cc7 ASE_CREDIT_RA BINET'].mean BIN	EOFF.PURCHASES INSTALL 2502200 2217400 124624400 94489770 112624400 94489770 1136400 11480400 11480400 11480400 114804000 114804000 114804000 1158040000 116900 116900 116900 116900 116900 116900 116900 116900 116900 116900 116900 116900 116900 116900 116900 116900	MENTS_PURCHASES CA **ALLE PURCHASES CA **ALLE PUR	HADVANCE IS A CONTRACT OF THE SKIES OF THE S
[76]: [77]: [77]: [78]: [77]: [78]: [78]: [88]: [88]: [88]: [88]: [88]: [88]: [88]: [88]: [88]:	Spending vs. Limits Spending	PURCHASES PURCHASES PURCHASES PURCHASES PURCHASES PATIO' Fdif FATIO' Fd	### ### ### ### ### ### ### ### ### ##	BS'1/df['CRECASE_CRODIT_RA BCCRDDIT_RA at 0x20f94cc7 10x20f94cc7 10x	POPP_PURCHASES INSTALL 2002.30 2002.30 2002.30 2002.4	MENTS_PURCHASES CAS #ENTS_PURCHASES CAS #ENTS_PURCHASES CAS #ENTS_PURCHASES CAS #ENTS_PURCHASES CAS ###################################	the sklear of th
[75]: [75]: [76]: [77]: [78]: [78]: [78]: [78]: [88]: [88]: [88]: [88]: [88]: [88]: [88]: [88]:	Customer spending Spending vs Limit The Provided processor Provided processor Customer spending Custome	PURCHASES PURCHASES PURCHASES PURCHASES PATION = dif CREDIT RATION PORT AND CREDIT RATION	PURCHASE PURCHA	PURCHASES ONE 3217,990 3107,850 1887,6240 1827,990 3107,850 1827,6240 1827,990 280,9920 1827,990 280,9920 1828,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1	POPP_PURCHASES INSTALL 2002.30 2002.30 2002.30 2002.4	MENTS_PURCHASES CAS #ENTS_PURCHASES CAS #ENTS_PURCHASES CAS #ENTS_PURCHASES CAS #ENTS_PURCHASES CAS ###################################	### ADVANCE 6 6442.945 0.000 0
[75]: [75]: [76]: [77]: [78]: [78]: [78]: [78]: [88]: [88]: [88]: [88]: [88]: [88]: [88]: [88]:	Spending vs. Limit O	PURCHASES PURCHASES PURCHASES PURCHASES PURCHASES PARTIO'!=df[Purchases PARTIO':=df[Purchases PARTIO':=df[Purchases Partio Purchases Partio Purchases Partio Purchases Purcha	PURCHASE PURCHA	PURCHASES ONE 3217,990 3107,850 1887,6240 1827,990 3107,850 1827,6240 1827,990 280,9920 1827,990 280,9920 1828,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1	POPP_PURCHASES INSTALL 2002.30 2002.30 2002.30 2002.4	MENTS_PURCHASES CAS #ENTS_PURCHASES CAS #ENTS_PURCHASES CAS #ENTS_PURCHASES CAS #ENTS_PURCHASES CAS ###################################	the sklear of th
[75]: [75]: [76]: [77]: [78]: [78]: [78]: [78]: [88]: [88]: [88]: [88]: [88]: [88]: [88]: [88]:	Customer spending Annex Service of the Company of	PURCHASS'	PURCHASE PURCHA	PURCHASES ONE 1821 ASSOCIATION ACCOUNTY AS	DEF_PURCHASES INSTALLS COFF_PURCHASES COFF_PURCH	AMENTS_PURCHASES ON 186740 10000 101250850 10000 101250850 100000 100000 100000 100000 1000000	######################################
[76]: [77]: [78]: [78]: [78]: [78]: [88]: [88]: [88]: [88]: [88]: [88]: [88]: [88]: [88]: [88]: [88]:	Customers with Low Processor 22 columns Spending vs. Limit Spending vs. Limit Control Processor 22 columns Control Processor 23 columns Control Processor 24 columns Control Processor 24 columns Control Processor 24 columns Control Processor 25 columns Control Processor 25 columns Control Processor 25 columns Control Control Columns Control Columns Control Columns Column	**PURCHASES** **PURC	## CONTRIBUTE ## CON	PURCHASES ONE 317.990 317.990 317.990 317.990 317.910 317.910 3187.840 12482.440 22009.020 LIMIT' J. medan RCHASES ONEO 1.0000 773.170 1908.1010 861.490 1908.11 PROC. PU 4836217.184 4836217.1	STORY TOTAL CONTROL OF THE PROPERTY OF THE PRO	MENTS_PURCHASES CAS 100000 100000 100000 100000 10000 100000 100000 100000 1000000	### ADVANCE 16 6442.50 ### ADVANCE 16 644

