	CH: C71														
	: 202401080040														
Requi Requi	rement already	satisfied: pandas satisfied: numpy> satisfied: pythor	>=1.26.0 i	in c:\progra	mdata\anacond	a3\lib\site	e-packages (f			2.0.0	sta\				
Requi Requi	rement already rement already	<pre>satisfied: pythor satisfied: pytz>= satisfied: tzdata satisfied: six>=1</pre>	=2020.1 ir a>=2022.7	n c:\program in c:\progr	ndata\anaconda amdata\anacon	3\lib\site- da3\lib\sit	-packages (fr ce-packages (rom pandas) from pandas	(2024.1)) (2023.3)		990,000 to 6				
Requi	install numpy rement already ort pandas <mark>as</mark> po	satisfied: numpy	in c:\pro	ogramdata\an	naconda3\lib\s	ite-packag€	es (1.26.4)								
df=p df	od.read_csv("C:/	QUANTITYORDER			DERLINENUMBER			STATUS (QTR_ID MON	TH_ID Y	/EAR_ID	ADDRESSLINE1	ADDRESSLINE2	CITY	STATE
1	1010 1 1012		30	95.70 81.35		2 2871.005 2765.90	0:00 5/7/2003	Snipped	2	2 5	2003 2003	897 Long Airport Avenue 59 rue de l'Abbaye	NaN NaN	NYC Reims	NY NaN
	2 1013		41	94.74		2 3884.34		Shipped	3	7	2003	27 rue du Colonel Pierre Avia		Paris	
3	3 1014	15	45	83.26		6 3746.70	8/25/2003 0:00 10/10/2003		3	8	2003	78934 Hillside Dr.	NaN		
				100.00		14 5205.27 	0:00	Shipped				7734 Strong St	NaN 	San Francisco 	CA
2818			20	100.00		15 2244.40 1 3978.51	0:00		1	12	2004	C/ Moralzarzal, 86 Torikatu 38	NaN NaN	Madrid Oulu	NaN NaN
2820	1038	36	43	100.00		4 5417.57	0:00 3/28/2005 0:00 5/6/2005	Resolved	1	3	2005	C/ Moralzarzal, 86 1 rue Alsace-	NaN	Madrid	NaN
2821			34 47	62.24		1 2116.169 3079.44	0:00	Shipped On Hold	2	3 5	2005		NaN NaN	Toulouse Boston	NaN MA
2823	rows × 25 columns	5													
		total num		of orde	rs.										
	it(total_orders)		nique()												
A		e the tota	l sale	es.											
: prin	il_sales = df['S it(total_sales) 628.85	ALES J. Sum()													
		average (quant	tity ord	lered pe	r orde	r.								
avg_ prin	_quantity = df[' rt(avg_quantity)	QUANTITYORDERED'	10.55												
	List all u	nique pro	duct	lines.											
uniq prin	ue_productlines t(unique_produc	= df['PRODUCTLII tlines)	NE'].uniq	ue()	C 1 1 1 2 1										
'Shi	ps' 'Trains']	sic Cars' 'Trucks		100		S.									
max_	ring the sale = df['SALE t(max_sale)	maximun s'].max()	n sate	es valu	e.										
14082			•												
min_	Find the sale = df['SALE t(min_sale)	minimum (S'].min()	ı sale	s value).										
482.1	3														
most	(the most of.groupby('PROI		-		A CONTRACTOR OF THE PARTY OF TH									
S18_3	232														
orde prin 2617 9. top_ prin CUSTO Euro Mini Austr	Find the	top 5 cus groupby('CUSTOME 1 91229 ors Ltd. 65485 s, Co. 20099	'Shipped tome RNAME')[': 94.11 58.06 95.41 86.94	rs base	ed on to			(5)							
2617 2617 2617 CUSTOR Euro Mini Austr Muscl La Ro Name: 10 orde	Find the customers = df. t(top_customers = df. t(top_customers = df. t(top_customers = df. t) top_customers MERNAME Shopping Channe Gifts Distribute alian Collector e Machine Inc chelle Gifts SALES, dtype:	top 5 cus groupby('CUSTOME) 1 91229 ors Ltd. 65489 s, Co. 20099 19773 18012 float64 the number = df['COUNTRY'].	'Shipped tome RNAME')[': 94.11 58.06 95.41 36.94 24.90	rs base SALES'].sum	ed on to	(ascending		(5)							
2617 2617 2617 CUSTOR Euro Mini Austr Muscl La Ro Name: 10 orde	Find the customers = df. at(top_customers = d	top 5 cus groupby('CUSTOME) 1 91229 ors Ltd. 65489 s, Co. 20099 19773 18012 float64 the number = df['COUNTRY'].	'Shipped tome RNAME')[': 94.11 58.06 95.41 36.94 24.90	rs base SALES'].sum	ed on to	(ascending		(5)							
2617 2617 2617 CUSTOR Euro Mini Austr Muscl La Ro Name: COUNT USA Spain	Find the customers = df. at(orders_shipped = df. at(orders_shipped = df. at(orders_shipped = df. at(top_customers	top 5 cus groupby('CUSTOME) 1 91229 ors Ltd. 65489 s, Co. 20099 19773 18012 float64 the number = df['COUNTRY'].	'Shipped tome RNAME')[': 94.11 58.06 95.41 36.94 24.90	rs base SALES'].sum	ed on to	(ascending		(5)							
2617 2617 2617 2617 CUSTO Euro Mini Austr Muscl La Ro Name: COUNT USA Spain Franc Austr UK Italy Finla Norwa Singa Canad Denma	Find the customers = df. at(orders_shipped = df. at(orders_shipped = df. at(top_customers) MERNAME Shopping Channe Gifts Distribute alian Collector e Machine Incochelle Gifts SALES, dtype: Count to create a country at (orders_per_country at (orders_p	top 5 cus groupby('CUSTOME) 1 91229 ors Ltd. 65489 s, Co. 20099 19773 18012 float64 the number = df['COUNTRY'].	'Shipped tome RNAME')[': 94.11 58.06 95.41 36.94 24.90	rs base SALES'].sum	ed on to	(ascending		(5)							
2617 2617 2617 CUSTO Euro Mini Austr Muscl La Ro Name: COUNT USA Spain Franc Austr UK Italy Finla Norwa Singa Canad	Find the customers = df. ot(orders_shipped = df. ot(orders_shipped = df. ot(top_customers) MERNAME Shopping Channe Gifts Distribut alian Collector e Machine Incochelle Gifts SALES, dtype: Count to creat country of orders_per_country order_country orders_per_country orders_per_country orders_per_country orders_per_country orders_per_country order_country orde	top 5 cus groupby('CUSTOME) 1 91229 ors Ltd. 65489 s, Co. 20099 19773 18012 float64 the number = df['COUNTRY'].	'Shipped tome RNAME')[': 94.11 58.06 95.41 36.94 24.90	rs base SALES'].sum	ed on to	(ascending		(5)							
2617 2617 2617 2617 CUSTO Euro Mini Austr Muscl La Ro Name: COUNT USA Spain Franc Austr UK Italy Finla Norwa Singa Canad Denma Germa Swede Austr Japan Belgi Switz Phili Irela	Find the customers = df. at (top_customers = df. at (top_customers) MERNAME Shopping Channe Gifts Distributalian Collector e Machine Incochelle Gifts SALES, dtype: O. Count to ers_per_country at (orders_per_country at (orders_p	top 5 cus groupby('CUSTOME) 1 91229 ors Ltd. 65485 s, Co. 20099 19773 18012 float64 the number adf['COUNTRY']. ountry)	'Shipped tome RNAME')[': 94.11 58.06 95.41 36.94 24.90	rs base SALES'].sum	ed on to	(ascending		(5)							
2617 2617 2617 2617 CUSTO Euro Mini Austr Muscl La Ro Name: COUNT USA Spain France Austr UK Italy Finla Norway Singa Canad Denma Germa Swede Austr Japan Belgi Switz Phili Irela Name: 11	Find the customers of t	top 5 cus groupby('CUSTOME) 1 91229 ors Ltd. 65485 s, Co. 20099 19773 18012 float64 the number adf['COUNTRY']. ountry)	tome PA.11 S8.06 S5.41 S6.94 S4.90 Prof Coult Value_coult	rs bases sales .sum	per coul	ntry.	= False).head(
2617 2617 2617 CUSTO Euro Mini Austr Muscl La Ro Name: COUNT USA Spain Franc Austr UK Italy Finla Norway Singa Canad Denma Germa Swede Austr Japan Belgi Switz Phili Irela Name: 11 best	Find the customers of t	top 5 cus groupby('CUSTOME ors Ltd. 65485 s, Co. 2009 float64 the number of['COUNTRY']. ountry)	tome PA.11 S8.06 S5.41 S6.94 S4.90 Prof Coult Value_coult	rs bases sales .sum	per coul	ntry.	= False).head(
2617 2617 2617 CUSTO Euro Mini Austr Muscl La Ro Name: COUNT USA Spain Franc Austr UK Italy Finla Norway Singa Canad Denma Germa Swede Austr Japan Belgi Switz Phili Irela Name: 11 best prin	Find the customers = df. at(top_customers MERNAME Shopping Channe Gifts Distribut alian Collector e Machine Inc chelle Gifts SALES, dtype: Count ters_per_country at(orders_per_co at(orders_per_co at(orders_per_co by at alia 185 and 92 by at	top 5 cus groupby('CUSTOME s) 1 91229 ors Ltd. 65489 s, Co. 20099 19773 18012 float64 the number = df['COUNTRY']. puntry) ate total si groupby('YEAR_II	tome PA.11 S8.06 S5.41 S6.94 24.90 ales parts of contact the second c	rs bases sales . sum orders nts() rter management . sum() . idxma	per coul	ntry.	= False).head(
2617 2617 2617 2617 CUSTO Euro Mini Austra Musch La Ro Name: COUNT USA Spain Franca Austra UK Italy Finla Norway Singal Canad Denma Germa Swede Austra Japan Belgi Switz Phili Irela Name: 11 best print 4 12 sale print 4	Find the customers = df. customers = df. customers MERNAME Shopping Channe Gifts Distribut alian Collector e Machine Inc chelle Gifts SALES, dtype: Count ters_per_country corders_per_co RY 1004 342 e 314 alia 185 customers 144 113 and 92 y 85 pore 79 a 70 rk 63 any 62 n 57 ia 55 um 33 erland 31 ppines 26 and 36 count, dtype: Calcula cyper_year = df count, dtype: Calcula cyper_year = df count, dtype:	top 5 cus groupby('CUSTOME s) 1 91229 ors Ltd. 65489 s, Co. 20099 19773 18012 float64 the number = df['COUNTRY']. puntry) ate total si groupby('YEAR_II	tome PA.11 S8.06 S5.41 S6.94 24.90 ales parts of contact the second c	rs bases sales . sum orders nts() rter management . sum() . idxma	per coul	ntry.	= False).head(
2617 2617 2617 2617 2617 2617 CUSTO Euro Mini Austr Musch La Ro Name: COUNT USA Spain Franc Austr UK Italy Finla Norway Singa Canad Denma Germa Swede Austr Japan Belgi Switz Phili Irela Name: 11 best print 4 12 sale print 4	Find the customers = df. it(orders_shipped Find the customers = df. it(top_customers MERNAME Shopping Channe Gifts Distribut alian Collector e Machine Inc chelle Gifts SALES, dtype: Count ters_per_country it(orders_per_co RY 1004 342 e 314 alia 185 144 113 nd 92 y for 79 a 70 rk 63 ny 62 n 57 ia 55 um 33 erland 31 ppines 26 nd 16 count, dtype: Calcula es_per_year = df it(sales_per_year) Count ters_shipped Count ters_shipped Alian Collector Count ters_per_country Alian Sale Count dispersion Coun	top 5 cus groupby('CUSTOME 1 91229 ors Ltd. 65485 s, Co. 20099 19773 18012 float64 the number = df['COUNTRY']. ountry) ate total si groupby('YEAR_II ir)	tome PA.11 S8.06 S5.41 S6.94 24.90 ales parts of contact the second c	rs bases sales'].sum orders nts() rter managements and sum().idxmanagements and sum().idxmanage	per coul	ntry.	= False).head(
2617 2617 2617 2617 CUSTO Euro Mini Austr Musch La Ro Name: COUNT USA Spain France Austr UK Italy Finla Norwa Singa Canad Denma Germa Swede Austr Japan Belgi Switz Phili Irela Name: 11 best prin YEAR_2003 2004 2005 Name: 13 best	Find the customers = df. at (top_customers = df. at (top_customers) MERNAME Shopping Channe Gifts Distribut alian Collector e Machine Inc chelle Gifts SALES, dtype: Count to create a stress of the	top 5 cus groupby('CUSTOME 1 91229 ors Ltd. 65485 s, Co. 20099 19773 18012 float64 the number = df['COUNTRY']. ountry) ate total si groupby('YEAR_II ir)	tome RNAME')['S 94.11 58.06 95.41 36.94 24.90 er of c value_coul ales p D')['SALES D')['SALES	rs base sales'].sum orders nts() oer yea s'].sum()	ed on to ().sort_values per coul	ntry.	= False).head(
2617 2617 2617 2617 2617 CUSTO Euro Mini Austr Muscl La Ro Name: COUNT USA Spain Franc Austr UK Italy Finla Norwa Singa Canad Denma Germa Swede Austr Japan Belgi Switz Phili Irela Name: 11 best prin YEAR 2003 2004 2005 Name: 13 best	Find the customers = df. at (top_customers = df. at (top_customers) MERNAME Shopping Channe Gifts Distribut alian Collectore Machine Incochelle Gifts SALES, dtype: Count to chelle Gifts SALES, d	top 5 cus groupby('CUSTOME 1 91229 ors Ltd. 65485 s, Co. 20099 19773 18012 float64 the number ate total si cuntry) the total si cuntry) float64 e month v	tome RNAME')['S 94.11 58.06 95.41 36.94 24.90 er of c value_coul ales p D')['SALES D')['SALES	rs base sales'].sum orders nts() oer yea s'].sum()	ed on to ().sort_values per coul	ntry.	= False).head(
2617 9. top_ prin CUSTO Euro Mini Austr Muscl La Ro Name: COUNT USA Spain France Austr UK Italy Finla Singa Canad Denma Germa Swede Austr Japan Belgi Switz Phili Irela Name: 11 best prin YEAR_ 2003 2004 2005 Name: 11 11 14	Find the customers = df. t(top_customers = d	top 5 cus groupby('CUSTOMER 1 91229 ors Ltd. 65485 s, Co. 20099 float64 the number of cuntry) ate total signoupby('QTR_ID') float64 e month volupby('MONTH_ID') e average 'PRICEEACH'].mean	tome RNAME')['S 94.11 88.06 95.41 86.94 24.90 er of c value_count sales p D')['SALES']	rs base rs base sales'].sum orders nts() oer yea s'].sum()	ed on to ().sort_values per coul aximum ax() total sa	ntry. sales	happer								
2617 2617 2617 2617 2617 2617 CUSTO Euro Minia Austr Muscl La Ro Name: COUNT USA Spain France Austr UK Italy Finla Singa Count Spain France Austr UK Italy Finla Norwa Singa Count Spain France Austr UK Italy Finla Norwa Singa Count Spain France Austr UK Italy Finla Norwa Singa Count Spain France Austr UK Italy Finla Norwa Singa Count Spain France Austr UK Italy Finla Norwa Singa Count Spain France Austr Japan Belgi Switz Phili Irela Name: 11 14 aver prin 11 14 aver prin 11	Find the customers = df. t(top_customers = d	top 5 cus groupby('CUSTOMER 1 91229 ors Ltd. 65485 s, Co. 20099 float64 the number of cuntry) ate total signoupby('QTR_ID') float64 e month volupby('MONTH_ID') e average 'PRICEEACH'].mean	tome RNAME')['S 94.11 88.06 95.41 86.94 24.90 er of c value_count sales p D')['SALES']	rs base rs base sales'].sum orders nts() oer yea s'].sum()	ed on to ().sort_values per coul aximum ax() total sa	ntry. sales	happer								
2617 2617 2617 2617 2617 2617 CUSTO Euro Minia Austr Muscl La Ro Name: COUNT USA Spain Franc Austr UK Italy Finla Norwa Singa Canad Denma Germa Swede Austr Japan Belgi Switz Phili Irela Name: 11 best prin YEAR 2003 2004 2005 Name: 11 12 4 12 13 best prin 11 14 aver prin 83.65 15 cust	Find the customers = df. t(top_customers = df. t(top_customers) MERNAME Shopping Channe Gifts Distribut alian Collectore Machine Incochelle Gifts SALES, dtype: O. Count to the customers of the country of top	top 5 cus groupby('CUSTOME 1 91229 ors Ltd. 65485 s, Co. 20099 19773 18012 float64 the numbe = df['COUNTRY']. cuntry) ate total si float64 e month v oupby('YEAR_II outpy) float64 e worth	tome RNAME')['S 94.11 58.06 95.41 86.94 24.90 er of coult value_coult sales p 0')['SALES'] ers fro 1 qua ['SALES']	rter manus procession uses price states and the states are states as a sign of the states are states are states as a sign of the states are states are states as a sign of the states are states as a sign of the states are states are states are states are states are states as a sign of the states are s	ed on to ().sort_values per coul aximum ax() (PRICE	ntry. sales	happer								
2617 2617 2617 2617 2617 2617 2617 2617	Find the customers = df. (corders_shipped = d	top 5 cus groupby('CUSTOME) 1	tome tome RNAME')['S 4.11 58.06 95.41 36.94 24.90 er of c value_coult value_coult sales p b')['SALES'] com' 'Corp co.' 'Vit	rter manual rter m	ed on to ().sort_values per coul aximum ax() () () () () () () () () ()	ntry. sales	happer								
order prin 2617 2617 2617 2617 2617 2617 CUSTO Euro Mini Austr Musch La Ro. Name: COUNT USA Spain Franch Austr UK Italy Finlan Swede Austr Dapan Belgi Switz Phili Irela Name: 10 11 12 12 13 best prin 11 14 15 Cust prin 11 16 17 18 19 10 11 11 11 12 13 14 15 15 16 17 16 17 18 19 19 10 11 11 11 12 13 14 15 15 16 17 18 18 18 19 19 10 11 11 12 13 14 15 15 16 17 18 18 18 18 18 18 19 19 10 10 11 11 12 13 14 15 15 16 17 18 18 18 18 18 18 18 18 18	Find the customers = df. (top_customers = df. (top_customers = df. (top_customers) MERNAME Shopping Channe Gifts Distributalian Collectore Machine Inc. chelle Gifts SALES, dtype: Count to chelle Gifts SALES, dtype: Count to chelle Gifts SALES, dtype: County to conders_per_contry to condens_per_contry to	top 5 cus groupby('CUSTOMER 1 91229 ors Ltd. 65483 s, Co. 20093 float64 the number = df['COUNTRY']. ountry) float64 e month v pupby('YEAR_II float64 e words float64 e words float64 e words float64 e words float64 c.' 'Gift Deponder float64 c.' 'FunGiftIdea float64 c.' 'Gift Deponder float64 c.' 'Super	tome NAME')['S 4.11 58.06 94.11 68.06 94.90 er of c value_count states'] ales p ''SALES'] com' 'Corp co.' 'Vit as.com' 'Corp co.' 'Vit	rter manual sum ().idxmanus porate Gift tachrome Inc. "Marta's Report tachrome Inc. "Marta's Rep	ed on to ().sort_values per coul total sa total sa () (PRICE	ntry. sales	happer								
order prin 2617 2617 2617 2617 2617 2617 CUSTO Euro Mini Austr Musch La Ro Name: CUSTO Euro Mini Austr Musch La Ro Prin Contact	rs_shipped = df rt(orders_shipped rt(orders_shipped rt(orders_shipped rt(orders_shipped rt(top_customers rt(top 5 cus groupby('CUSTOME 1 91225 ors Ltd. 65485 s, Co. 20095 19773 18012 float64 the numbe = df['COUNTRY']. untry) int64 troupby('QTR_ID') float64 e month v oupby('YEAR_II ir) float64 e words float64 c.' 'GIRCEEACH']. mean float64 c.' 'Funceeach' words float64 c.' 'Funceeach' word	tome RNAME')['S 94.11 58.06 95.41 36.94 24.90 er of c value_count count coun	rter manual sum ().idxmanual sum ().idxm	ed on to ().sort_values per coul aximum ax() (PRICE (ldeas Co.' clicas Co.'	ntry. sales	happer								
order prin 2617 9. top_ prin CUSTO Euro Mini Austr Muscl La Ro Name: COUNT USA Spain France Austr UK Taly Finla Norwa Singa Count Syede Austr Japan Belgi Swede Austr Japan Belgi Japan B	ris_shipped = df rit(orders_shipped rit(orders_shipped rit(orders_shipped rit(orders_shipped rit(orders_shipped rit(orders_shipped rit(top_customers rit(rit(top_customers) rit(top_customers) rit(rit(top_customers) rit(top_customers) r	top 5 cus groupby('CUSTOME 1 91225 ors Ltd. 65485 s, Co. 20095 19773 18012 float64 the numbe = df['COUNTRY']. untry) int64 te total si groupby('QTR_ID') float64 e month v oupby('MONTH_ID') float64 e worage 'PRICEEACH'].mean 'Toys4GrownUps. (c.' 'Funfit Wheels c.' 'Giffit Float c.' 'Funfit Wheels c.' 'Giffit Coas bles Co.' 'Super utors Ltd.' 'Onli ess Inc.' 'Motor ni Creations Ltd. ess Inc.' 'Motor ni Creations Ltd. ess Inc.' 'Motor ni Creations Ltd. ess Inc.' 'Giffit Coas bles Co.' 'Super utors Ltd.' 'Onli ess Inc.' 'Giffit Coas bles Co.' 'Super utors Ltd.' 'Onli ess Inc.' 'Giffit Coas bles Co.' 'Super utors Ltd.' 'Onli ess Inc.' 'Motor ni Creations Ltd. ess Inc.' 'Giffit Coas bles Co.' 'Super utors Ltd.' 'Onli ess Inc.' 'Giffit Coas bles Co.' 'Super utors Ltd.' 'Onli ess Inc.' 'Giffit Coas bles Co.' 'Super utors Ltd.' 'Onli ess Inc.' 'Motor ni Creations Ltd. ess Inc.' 'Giffit Coas bles Co.' 'Super utors Ltd.' 'Onli ess Inc.' 'Giffit Coas bles Co.' 'Super utors Ltd.' 'Onli ess Inc.' 'Giffit Coas bles Co.' 'Super utors Ltd.' 'Onli ess Inc.' 'Motor ni Creations Ltd. ess Inc.' 'Giffit Coas bles Co.' 'Super utors Ltd.' 'Onli ess Inc.' 'Giffit Coas bles Co.' 'Super utors Ltd.' 'Onli ess Inc.' 'Giffit Coas bles Co.' 'Super utors Ltd.' 'Onli ess Inc.' 'Motor ni Creations Ltd.' 'Onli ess Inc.' 'Motor ni Creations Ltd.' 'Onli ess Inc.' 'Giffit Coas bles Co.' 'Super utors Ltd.' 'Onli ess Inc.' 'Motor ni Creations Ltd.' 'Onli ess Inc.' 'Motor	tome RNAME')['S 4.11 8.06 95.41 86.94 24.90 er of c value_count value_count continue in its	rterma sum().idxma rterma sum().idxma porate Gift tachrome Inc Syllowing s	ed on to ().sort_values per coul aximum ax() (PRICE (PRICE (indicas Co.' colores Co.'	ntry. sales	happer								
order prin 2617 2617 2617 CUSTO Euro Mini Austr Musch La Ro Name: COUNT USA Sprin COUNT USA Sprin CAustr UK Italy Finlan Norwal Singa Canad Denma Germa Swede Austr Japan Belgi Switz Phili Irela Name: 11 12 13 VEAR_ 2003 2004 2005 Name: 13 best prin 11 14 16 17 17 18 19 10 11 11 11 11 11 11 11 11	Find the customers = df. (corders_shipped = d	top 5 cus groupby('CUSTOME) 1 91223 ors Ltd. 65483 s, Co. 2009 19773 18012 float64 the numbe = df['COUNTRY']. float64 e month v oupby('YEAR_II ountry) float64 e words flo	tome RNAME')[': 94.11 88.06 95.41 86.94 24.90 er of C value_count to the h ['SALES'] com' 'Corp Co.' 'Vit of Inc.'' est Collect Scale Inc. ine Diecas Mint Dist. control of Corp Co.' 'Vit of Scale Inc. ine Diecas Mint Dist. control of Corp Co. 'Vit of Scale Inc. ine Diecas Mint Dist. control of Corp Co. 'Vi	rter manual sum ().idxmanus su	ed on to ().sort_values per coul aximum ax() (PRICE (ldeas Co.' clicas Co."	sales.	happer	ned.	100.						
order prin 2617 2617 2617 CUSTO Euro Mini Austr Musch La Ron Name: COUNT USA Spain France Austr UK Italy Finlan Swede Austr UK Italy Finlan Swede Austr Dapan Belgi Switz Phili Irela Name: 11 12 13 best prin 11 14 16 17 16 17 17 18 16 17 17 18 16 17 17 18 18 19 19 10 10 11 11 11 12 13 14 15 16 16 16 17 17 18 18 18 19 19 10 10 11 11 11 12 13 14 15 16 16 17 16 17 17 18 18 18 18 18 19 19 10 10 11 11 11 12 13 14 15 16 16 16 17 16 17 18 18 18 18 18 18 18 18 18	Find the customers = df. (customers = df. (top_customers) MERNAME Shopping Channe Gifts Distribut alian Collectore Machine Inc. Chelle Gifts SALES, dtype: Count to chelle Gifts SALES, dtype: Count to chelle Gifts SALES, dtype: Count to chelle Gifts SALES, dtype: Count to chelle Gifts SALES, dtype: Count to chelle Gifts SALES, dtype: Count to chelle Gifts SALES, dtype: Count to chelle Gifts SALES, dtype: Count to chelle Gifts SALES, dtype: Count to chelle Gifts SALES, dtype: Count to chelle Gifts SALES, dtype: Count dtype: Count dtype: Count dtype: Count,	top 5 cus groupby('CUSTOME) 1 91223 ors Ltd. 65483 s, Co. 2009 19773 18012 float64 the numbe = df['COUNTRY']. float64 e month v oupby('YEAR_II ountry) float64 e words flo	tome RNAME')[': 94.11 88.06 95.41 86.94 24.90 er of C value_count to the h ['SALES'] com' 'Corp Co.' 'Vit of Inc.'' est Collect Scale Inc. ine Diecas Mint Dist. control of Corp Co.' 'Vit of Scale Inc. ine Diecas Mint Dist. control of Corp Co. 'Vit of Scale Inc. ine Diecas Mint Dist. control of Corp Co. 'Vi	rter manual sum ().idxmanus su	ed on to ().sort_values per coul aximum ax() (PRICE (ldeas Co.' clicas Co."	sales.	happer	ned.	100.						
order prin 2617 9. top_ prin CUSTO Euro Minit Austr Muscl La Ro Name: COUNT USA Spain France Austr UK Spain France Austr Austr Spain France Austr	Find the customers = df. t(corders_shipped = df. (corders_shipped = df. (top_customers = df. t(top_customers = df. t(corders_per_country) = df.	top 5 cus groupby('CUSTOME) 1 91225 ors Ltd. 65485 s, Co. 20099 19773 18012 float64 the numbe = df['COUNTRY']. ountry) totate total si float64 e month v float64	tome RNAME')['S 44.11 88.06 95.41 86.94 24.90 Prof (Value_coul) Stales Vish h ['SALES'] A sales A in	rtermand orders orders nts() orders nts() orders nts() orders nts() orders nts() orders orders nts() orders ord	ed on to ().sort_values per coul aximum ax() (PRICE (PRICE (ideas Co.' co.' co.' co.' co.' co.' co.' co.' c	sales EACH	happer greate	rthan	100.						
order prin 2617 9. top_ prin 2617 10510 Euro Mini Austr Muscl La Ro Name: COUNT USA Spain Franc Austr UK Italy Finlan Norway Singa Canad Germa Sweder Japan Belgi Switz Phili Irela Name: 11 best prin 4 12 sale prin 11 14 16 'Col 'Name: 11 16 'C	Find the customers = df. t(corders_shipped = df. (corders_shipped = df. (top_customers = df. t(top_customers = df. t(corders_per_country) = df.	top 5 cus groupby('CUSTOME) 1 91225 ors Ltd. 65485 s, Co. 20095 float64 che numbe = df['COUNTRY']. float64 tin which groupby('YEAR_II float64 e month v float64	tome RNAME')['S 44.11 88.06 95.41 86.94 24.90 Prof (Value_coul) Stales Vish h ['SALES'] A sales A in	rtermand orders orders nts() orders nts() orders nts() orders nts() orders nts() orders orders nts() orders ord	ed on to ().sort_values per coul aximum ax() (PRICE (PRICE (ideas Co.' co.' co.' co.' co.' co.' co.' co.' c	sales EACH	happer greate	rthan	100.						
orde prin 2617 2617 2617 2617 2617 2017 CUSTO Euro Mini Austr Musch La Ro. Name: COUNT USA Spain Franca Austr UK Italy Finance Austr Japan Belgi Switz Phili Irela Name: 10 11 12 13 14 15 16 16 17 17 18 18 18 18 18 18 18 18	Find the customers = df. (corders_shipped = d	top 5 cus groupby('CUSTOME 1 91228 ors Ltd. 62489 ors Ltd. 62489 ors Ltd. 18012 float64 the numbe = df['COUNTRY']. ountry) the total si float64 e month v float64	tone RNAME')['S 94.11 58.06 95.41 36.94 24.90 er of C value_court st Collect of Coll	rter manual sum ().idxman orders nts() rter manual sum ().idxman orders nts()	ed on to ().sort_values per coul aximum ax() (PRICE (PRICE (ideas Co.' co.' co.' co.' co.' co.' co.' co.' c	sales SEACH The h	happer greate ighest	ned.	100.						
orde prin 2617 9. top_prin 2617 CUSTO Euro Mini Austr Muscl La Ro Name: COUNT USA Sprin Franca Canada Canada Canada Canada Canada Canada Swede Austr Japan Belgi Switz Phili Irela Name: 11	Find the customers = df. (corders_shipped = d	top 5 cus groupby('CUSTOME 1 91225 ors Ltd. 65485 ors, Co. 2009 float64 the numbe = df['COUNTRY']. ountry) the total se inted troupby('QTR_ID') the word of the total se interior of the total	tone RNAME')['S 94.11 58.06 95.41 36.94 24.90 er of C value_court st Collect of Coll	rter manual sum ().idxman orders nts() rter manual sum ().idxman orders nts()	ed on to ().sort_values per coul aximum ax() (PRICE (PRICE (ideas Co.' co.' co.' co.' co.' co.' co.' co.' c	sales SEACH The h	happer greate ighest	ned.	100.						
order print 2617 10	Find the customers and fit (orders_shipped at (orders_shipped at (orders_shipped at (orders_shipped at (orders_shipped at (orders_shipped at (top_customers at (top_customers at (orders_shipped at (orders_shipped at (orders_shipped at (orders_per_contex_shipped at (orders_per_contex_shipped at (orders_per_contex_shipped at (orders_per_contex_shipped at (orders_per_contex_shipped at (orders_per_contex_shipped at (orders_per_year_shipped at (order_shipped at (order_shipp	top 5 cus groupby ('CUSTOME 1 91225 ors Ltd. 65485 s, Co. 20095 float64 the numbe edf'(COUNTRY'). introupby ('QTR_ID') float64 te total si f.groupby ('YEAR_II ir) float64 e month v oupby ('MONTH_ID')	tome RNAME')['S 94.11 58.06 95.41 96.94 24.90 Prof (Value_could Sales Com' 'Corp Co.' 'Vit Ost Collect Sical Direct	rter manual sum () . idxman su	ed on to ().sort_values per coul aximum ax() (PRICE (PRICE (ideas Co.' colicas Co.' colicas Co.' colicas Inc.' colicas Co.' colicas Inc.' colicas Co.'	ntry. sales EACH hers a	happer happer ighest	ned.	100.						
orde prin 2617 10	Find the customers and fit (orders_shipped at (orders_shipped at (orders_shipped at (orders_shipped at (orders_shipped at (orders_shipped at (top_customers at (top_customers at (orders_shipped at (orders_shipped at (orders_shipped at (orders_per_contex_shipped at (orders_per_contex_shipped at (orders_per_contex_shipped at (orders_per_contex_shipped at (orders_per_contex_shipped at (orders_per_contex_shipped at (orders_per_year_shipped at (order_shipped at (order_shipp	top 5 cus groupby('CUSTOME 1 91225 ors Ltd. 65485 s, Co. 20093 19773 18012 float64 the numbe = df['COUNTRY']. ountry) the total si float64 e month v oupby('MONTH_ID') float64 custome df['COUNTRY'] == 'Toys4GrownUps.c float64 e month v oupby('MONTH_ID') float64 e month v oupby('MONTH_ID') c'.' 'HongiftIdea floatea	tome RNAME')['S 94.11 58.06 95.41 96.94 24.90 Prof (Value_could Sales Com' 'Corp Co.' 'Vit Ost Collect Sical Direct	rter manual sum () . idxman su	ed on to ().sort_values per coul aximum ax() (PRICE (PRICE (ideas Co.' colicas Co.' colicas Co.' colicas Inc.' colicas Co.' colicas Inc.' colicas Co.'	ntry. sales EACH hers a	happer happer ighest	ned.	100.						