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3	37076 2013 37077 2013 37078 2013 37079 2013 37080 rows × 10 column df=df.loc[0:5] df	Level 3 Level 3 Level 3 Level 3	ZZ11 ZZ11 ZZ11 ZZ11	Food product manufacturing		H38 Margin on sales of goods for resal H39 Return on equit H40 Return on total asset H41 Liabilitie structure	y Financial ratios 40 y Financial ratios 12 al Financial ratios 5 S Financial ratios 46	ANZSIC06 groups C11 C112, C113, C114, C115, ANZSIC06 groups C11 C112, C113, C114, C115, ANZSIC06 groups C11 C112, C113, C114, C115, ANZSIC06 groups C11 C112, C113, C114, C115,
[9]:	<pre>0 2020 1 2020 2 2020 3 2020 4 2020 5 2020 df.loc[6]=[2020,'levdf C:\Users\User\AppDat</pre>		99999 99999 99999 99999 'dollars','H10',' _13952/1810392945	All industries Dollars (millions) Linterest', 'fin', 4000, 'ANZI'] Dollars (millions)	H01 H04 H05 H07 H08 H09	Total income Sales, government funding, grants and subsidies Interest, dividends and donations Non-operating income Total expenditure Interest and donations	Financial performance	ANZSIC06 divisions As (excluding classes K633)
[9]:	See the caveats in today. The df.loc[6]=[2020, 1]	the documentation: http	s://pandas.pydata ','dollars','H10'	.org/pandas-docs/stable/user ,'interest','fin',4000,'ANZI	']	Variable_name Total income Sales, government funding, grants and subsidies Interest, dividends	Variable_category Value Financial performance Financial performance Financial performance Financial Financial performance Financial Fin	ANZSIC06 divisions As (excluding classes K633) ANZSIC06 divisions As (excluding classes K633) ANZSIC06 divisions As (excluding classes K633)
10]:				All industries (millions) All industries Dollars (millions) All industries Dollars (millions) All industries Dollars (millions) industry dollars o.py:1: SettingWithCopyWarnin	H05 H07 H08 H09 H10	and donations Non-operating income Total expenditure Interest and donations interest	Financial performance Financial performance Financial performance Financial performance Financial performance Financial 32,730 fin 4000	(excluding classes K633 ANZSIC06 divisions A- (excluding classes K633
10]:	<pre>df.drop(2, axis=0) Year Industry_aggre 0 2020 1 2020 3 2020 4 2020 5 2020 6 2020</pre>	egation_NZSIOC Industry_c Level 1		All industries All industries Dollars (millions) All industries Dollars (millions)		Variable_name Total income Sales, government funding, grants and subsidies Non-operating income Total expenditure Interest and donations interest	Variable_category Value Financial performance 660,630 Financial performance 18,285 Financial performance 654,872 Financial performance 32,730 fin 4000	ANZSIC06 divisions As (excluding classes K633 ANZSIC06 divisions As (excluding classes K633
12]:	C:\Users\User\AppDat A value is trying to Try using .loc[row_i See the caveats in to df['revenue']=['A' Year Industry_aggre 0 2020 1 2020 4 2020 5 2020	be set on a copy of a indexer, col_indexer] = the documentation: http ','B','C','D','E','F'] egation_NZSIOC Industry_col Level 1 Level 1 Level 1 Level 1 Level 1	slice from a Datavalue instead s://pandas.pydata ode_NZSIOC Industr 99999 99999 99999	All industries Dollars (millions)	_guide/ir le_code H01 H04 H07 H08 H09	Variable_name Varial Total income Sales, government funding, grants and subsidies Non-operating income Total expenditure Interest and	Financial performance	y_code_ANZSIC06 revenues SIC06 divisions A-S ding classes K633
17]:	<pre>df C:\Users\User\AppDat A value is trying to See the caveats in t df.drop('revenue')</pre>	be set on a copy of a the documentation: http , axis=1, inplace=True)	slice from a Dats://pandas.pydata	org/pandas-docs/stable/user	_guide/ir			Industry code ANZSICO
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20]:	413 inde TypeError: '<' not s df = df.loc[0:5] df	exer = indexer[::-1] supported between insta egation_NZSIOC Industry_c Level 1 Level 1 Level 1 Level 1 Level 1		All industries All industries Dollars (millions)	H01 H04 H07 H08 H09	Variable_name Total income Sales, government funding, grants and subsidies Non-operating income Total expenditure Interest and donations	Variable_category Value Financial performance 733,258 Financial performance 18,285 Financial performance 654,872 Financial performance 32,730	Industry_code_ANZSICO ANZSIC06 divisions As (excluding classes K633)
21]:_	 3 2020 5 2020 4 2020 0 2020 	egation_NZSIOC Industry_c Level 1 Level 1 Level 1 Level 1 Level 1 Level 1	ode_NZSIOC Industr 99999 99999 99999 99999	All industries All industries Dollars (millions)	H07 H09 H08 H04	Variable_name Non-operating income Interest and donations Total expenditure Sales, government funding, grants and subsidies Total income	Variable_category Value Financial performance 18,285 Financial performance 32,730 Financial performance 654,872 Financial performance 660,630 Financial performance 733,258	ANZSIC06 divisions A- (excluding classes K633
22]:	Year Industry_aggree 1 2020 2020 5 2020 df.to_csv('myfile.cs	Level 1	99999 99999 99999 99999	All industries Dollars (millions) Dollars (millions)	H01 H04 H08 H09 H07	Variable_name Total income Sales, government funding, grants and subsidies Total expenditure Interest and donations Non-operating income	Variable_category Value Financial performance 733,258 Financial performance 660,630 Financial performance 32,730 Financial performance 18,285	ANZSIC06 divisions As (excluding classes K633)
25]: _	 0 2020 1 2020 3 2020 4 2020 5 2020 df1=df[0:3] 	egation_NZSIOC Industry_c Level 1 Level 1 Level 1 Level 1 Level 1	99999 99999 99999 99999	All industries Dollars (millions)	H01 H04 H07 H08 H09	Variable_name Total income Sales, government funding, grants and subsidies Non-operating income Total expenditure Interest and donations	Variable_category Value Financial performance 733,258 Financial performance 660,630 Financial performance 654,872 Financial performance 32,730 Financial performance 32,730	ANZSIC06 divisions As (excluding classes K633)
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29]: _ 32]: _	<pre>df2 = df2.reset_inde df2 Year Industry_aggre 0 2020 pd.concat([df1,df2])</pre>	egation_NZSIOC Industry_c Level 1	99999	All industries All industries Ctry_name_NZSIOC All industries Dollars (millions) Dollars (millions)	H09	Interest and donations Variable_name Variable_Interest and	performance 32,730 ple_category Value Industry_c Financial 32,730 ANZSIC	Industry_code_ANZSICO SICO6 divisions A-S (excludir classes K633 code_ANZSICO6 Year I 06 divisions A-S g classes K633
33]:	<pre>data={'Gender':['Fendf = pd.DataFrame(data) df Gender Score Male 80 Female 95 Male 80</pre> <pre>Male 80</pre>	MaN male','Male','Female',' ata)	NaN Male'], 'Score':[NaN NaN [85,80,95,80]}	NaN	NaN	NaN NaN	NaN 2020.0
35]: 35]:	Gender Score O Female 85 Male 80 Female 95 Male 80 df.groupby(['Gender Score	']).mean()						
36]: 36]:	Female 90.0 Male 80.0 df.groupby(['Score'] Gender Score 80 Male 85 Female 95 Female]).max()						
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39]:		ta\Local\Temp/ipykernel l be raised. Before cal		py:1: FutureWarning: Droppin ect only columns which shoul	_			ecated. In a future v
10]:	95 df.groupby(['Score' Score Gender 80 Male 85 Female 95 Female df.groupby(['Score' Gender							
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