

Module	Description	Example	Script
pandas	columns, renaming	<code>county = county.rename(columns={'B01001_001E':'pop'})</code>	g10/demo.py
pandas	dataframe, sorting by a column	<code>county = county.sort_values('pop')</code>	g10/demo.py
pandas	groupby, summing a variable	<code>state = county.groupby('state')['pop'].sum()</code>	g10/demo.py
pandas	index, creating with two-levels	<code>county = county.set_index(['state','county'])</code>	g10/demo.py
pandas pandas	using qcut to create deciles using xs to select from an index	<code>dec = pd.qcut(county['pop'], 10, labels=range(1,11))</code> <code>print(county.xs('04',level='state'))</code>	g10/demo.py g10/demo.py