

```
In [1]: import pandas as pd
import numpy as np
```

```
In [4]: data=pd.read_csv('https://download.bls.gov/pub/time.series/cu/cu.item', sep='\t')
```

```
In [6]: data
```

```
Out[6]:
```

	item_code	item_name	display_level	selectable	sort_sequence
0	AA0	All items - old base	0	T	2
1	AA0R	Purchasing power of the consumer dollar - old ...	0	T	400
2	SA0	All items	0	T	1
3	SA0E	Energy	1	T	375
4	SA0L1	All items less food	1	T	359
...
395	SSEA011	College textbooks	3	T	314
396	SSEE041	Smartphones	4	T	335
397	SSFV031A	Food at elementary and secondary schools	3	T	122
398	SSGE013	Infants' equipment	3	T	356
399	SSHJ031	Infants' furniture	3	T	165

400 rows × 5 columns

```
In [7]: data.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 400 entries, 0 to 399
Data columns (total 5 columns):
#   Column          Non-Null Count  Dtype
---  -
0   item_code       400 non-null   object
1   item_name       400 non-null   object
2   display_level   400 non-null   int64
3   selectable      400 non-null   object
4   sort_sequence   400 non-null   int64
dtypes: int64(2), object(3)
memory usage: 15.8+ KB
```

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In [9]: data['display_level'].unique()
```

```
Out[9]: array([0, 1, 2, 3, 4, 5, 6, 7, 8], dtype=int64)
```

In [10]: `data.head()`

Out[10]:

	item_code	item_name	display_level	selectable	sort_sequence
0	AA0	All items - old base	0	T	2
1	AA0R	Purchasing power of the consumer dollar - old ...	0	T	400
2	SA0	All items	0	T	1
3	SA0E	Energy	1	T	375
4	SA0L1	All items less food	1	T	359

In [12]: `data.describe()`

Out[12]:

	display_level	sort_sequence
count	400.000000	400.000000
mean	3.195000	200.500000
std	1.815272	115.614301
min	0.000000	1.000000
25%	2.000000	100.750000
50%	3.000000	200.500000
75%	4.000000	300.250000
max	8.000000	400.000000

In [13]: `data['sort_sequence'].value_counts()`

Out[13]:

2	1
254	1
398	1
397	1
278	1
..	
38	1
36	1
33	1
32	1
165	1

Name: sort_sequence, Length: 400, dtype: int64

```
In [15]: data[data['sort_sequence']>250]
```

Out[15]:

	item_code	item_name	display_level	selectable	sort_sequence
1	AA0R	Purchasing power of the consumer dollar - old ...	0	T	400
3	SA0E	Energy	1	T	375
4	SA0L1	All items less food	1	T	359
5	SA0L12	All items less food and shelter	1	T	362
6	SA0L12E	All items less food, shelter, and energy	1	T	363
...
393	SS68021	Checking account and other bank services	4	T	352
394	SS68023	Tax return preparation and other accounting fees	4	T	353
395	SSEA011	College textbooks	3	T	314
396	SSEE041	Smartphones	4	T	335
398	SSGE013	Infants' equipment	3	T	356

150 rows × 5 columns

```
In [ ]:
```