Test proposed functionality in issue:

Output of original way to extract ordered column:

```
   age_group
0   [40, 50)
1   [40, 50)
2   [30, 40)
3   [30, 40)
4   [50, 60)
5   [20, 30)
6   [40, 50)
7   [30, 40)
8   [20, 30)
9   [50, 60)
10  [50, 60)
11  [50, 60)
12  [40, 50)
13  [40, 50)
14  [20, 30)
15  [30, 40)
16  [50, 60)
17  [30, 40)
18  [30, 40)
19  [20, 30)
```

Updated extraction of ordered column:

```
    age_group
0   [40, 50)
1   [40, 50)
2   [30, 40)
3   [30, 40)
4   [50, 60)
5   [20, 30)
6   [40, 50)
7   [30, 40)
8   [20, 30)
9   [50, 60)
10  [50, 60)
11  [50, 60)
12  [40, 50)
13  [40, 50)
14  [20, 30)
15  [30, 40)
16  [50, 60)
17  [30, 40)
18  [30, 40)
19  [20, 30)
```

Test proposed functionality for unordered in issue:

Output of original way to extract unordered column:

```
    eye_color
0       brown
1        blue
2        blue
3       brown
4       brown
5       brown
6        blue
7       brown
8        blue
9        blue
10      brown
11      brown
12       blue
13      brown
14      brown
15      brown
16       blue
17       blue
18       blue
19      brown
```

Updated extraction of unordered column:

```
    eye_color
0       brown
1        blue
2        blue
3       brown
4       brown
5       brown
6        blue
7       brown
8        blue
9        blue
10      brown
11      brown
12       blue
13      brown
14      brown
15      brown
16       blue
17       blue
18       blue
19      brown
```

Test functionality for all columns in issue:

Output of original way to extract categorical columns:

```
    eye_color age_group
0       brown  [40, 50)
1        blue  [40, 50)
2        blue  [30, 40)
3       brown  [30, 40)
4       brown  [50, 60)
5       brown  [20, 30)
6        blue  [40, 50)
7       brown  [30, 40)
8        blue  [20, 30)
9        blue  [50, 60)
10      brown  [50, 60)
11      brown  [50, 60)
12       blue  [40, 50)
13      brown  [40, 50)
14      brown  [20, 30)
15      brown  [30, 40)
16       blue  [50, 60)
17       blue  [30, 40)
18       blue  [30, 40)
19      brown  [20, 30)
```

Updated extraction of categorical column:

```
    eye_color age_group
0       brown  [40, 50)
1        blue  [40, 50)
2        blue  [30, 40)
3       brown  [30, 40)
4       brown  [50, 60)
5       brown  [20, 30)
6        blue  [40, 50)
7       brown  [30, 40)
8        blue  [20, 30)
9        blue  [50, 60)
10      brown  [50, 60)
11      brown  [50, 60)
12       blue  [40, 50)
13      brown  [40, 50)
14      brown  [20, 30)
15      brown  [30, 40)
16       blue  [50, 60)
17       blue  [30, 40)
18       blue  [30, 40)
19      brown  [20, 30)
```

Test functionality for categories in issue:

Exptected Output Categories:

```
people categories is:  {'eye_color': Index(['blue', 'brown'], dtype='object'),
'age_group': IntervalIndex([[20, 30), [30, 40),[40, 50), [50, 60)],
dtype='interval[int64, left]')}
```

Test functionality for delegated as_unordered method:

Original Categories:

```
age_group categories was: IntervalIndex([[20, 30), [30, 40), [40,50), [50, 60)],
dtype='interval[int64, left]')
eye_color categories was: Index(['blue', 'brown'], dtype='object')
```

Exptected Output after remove which works on all columns:

```
age_group categories is:  Index([[20, 30), [30, 40), [40, 50),[50, 60), 0],
dtype='object')
eye_color categories is:  Index(['blue', 'brown', 0], dtype='object')
```