



DHBW

Duale Hochschule
Baden-Württemberg

Lörrach

pandas.qcut – Exercise

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Jacob Ruhnau (Matrikelnr. 2441453, WWI22A)

Erarbeitet im Rahmen der Vorlesung „Programmierung 2“ bei Kai Bernecker

pandas.qcut – Exercise

- Make mountains.csv available as pandas DataFrame
 - Perform qcut function on „Temperature“-column:
 - Provide correct amount of quintiles
 - bins should be denotated with „Super Freezing“, „Freezing“, „Cold“, „Medium“, „Warm“
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1) How many mountains are in each bin?

2) What are the lower boundaries for the bins?

pandas.qcut – Exercise (Solution)

- Make mountains.csv available as pandas DataFrame
- Perform qcut function on „Temperature“-column:
 - Provide correct amount of quintiles
 - bins should be denotated with „Super Freezing“, „Freezing“, „Cold“, „Medium“, „Warm“

1) *How many mountains are in each bin?*

```
Super Freezing    6
Freezing          5
Medium            5
Warm              5
Cold              3
```

2) *What are the lower boundaries for the bins?*

```
array([-45. , -20. , -7. , -0.2,  4.4, 15. ])
```