
H2O.ai

Numeric Data Transformations

```
import numpy as np
breaks = np.linspace(10, 90, 9).tolist()
census_data["age_group"] = census_data["age"].cut(breaks)

census_data["log1p_capital-gain"] = census_data["capital-gain"].log1p()
census_data["log1p_capital-loss"] = census_data["capital-loss"].log1p()
print(census_data["age_group"].table())
```

age_group	Count
(10.0,20.0]	2410
(20.0,30.0]	8162
(30.0,40.0]	8546
(40.0,50.0]	6983
(50.0,60.0]	4128
(60.0,70.0]	1792
(70.0,80.0]	441
(80.0,90.0]	99

Date/Time Manipulations

- Date/Time Creation
  - `h2o_frame[x].as_date(format)`
- Date Extraction
  - `h2o_frame[x].day()`
  - `h2o_frame[x].dayOfWeek()`
  - `h2o_frame[x].month()`
  - `h2o_frame[x].week()`
  - `h2o_frame[x].year()`
- Time Extraction
  - `h2o_frame[x].hour()`
  - `h2o_frame[x].minute()`
  - `h2o_frame[x].second()`

H2O.ai

Numeric Data Transformations

```
1 import numpy as np
2 breaks = np.linspace(10, 90, 9).tolist()
3 census_data["age_group"] = census_data["age"].cut(breaks)
4
5 census_data["log1p_capital-gain"] = census_data["capital-gain"].log1p()
6 census_data["log1p_capital-loss"] = census_data["capital-loss"].log1p()
7 print(census_data["age_group"].table())
```

age_group	Count
(10.0,20.0]	2410
(20.0,30.0]	8162
(30.0,40.0]	8546
(40.0,50.0]	6983
(50.0,60.0]	4128
(60.0,70.0]	1792
(70.0,80.0]	441
(80.0,90.0]	99

H2O.ai