
H2O.ai

H2OFrame Example

```
import h2o
h2o.init()
data_path = "https://s3.amazonaws.com/h2o-public-test-data/smalldata/census_income/adult_data.csv"
census_data = h2o.import_file(data_path, destination_frame = "census_init")
```

Parse progress: |  | 100%

```
print(census_data.types)
```

```
{'age': 'int',
 'workclass': 'enum',
 'fnlwgt': 'int',
 'education': 'enum',
 'education-num': 'int',
 'marital-status': 'enum',
 'occupation': 'enum',
 'relationship': 'enum',
 'race': 'enum',
 'sex': 'enum',
 'capital-gain': 'int',
 'capital-loss': 'int',
 'hours-per-week': 'int',
 'native-country': 'enum',
 'income': 'enum'}
```

H2OFrame Example

```
1 census_data[0:5].summary() # census_data[0:5].describe()
```

	age	workclass	fnlwgt	education	education-num
type	int	enum	int	enum	int
mins	17.0		12285.0		1.0
mean	38.581646755321145		189778.36651208595		10.080679340315212
maxs	90.0		1484705.0		16.0
sigma	13.640432553581354		105549.97769702227		2.5727203320673966
zeros	0		0		0
missing	0	1836	0	0	0
0	39.0	State-gov	77516.0	Bachelors	13.0
1	50.0	Self-emp-not-inc	83311.0	Bachelors	13.0
2	38.0	Private	215646.0	HS-grad	9.0
3	53.0	Private	234721.0	11th	7.0

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