

YAML

YAML = File format | Data serialization language (a common language across different applications) | Highly human-readable

Read YAML Files

```
!pip install PyYAML

import yaml

with open('yaml_example.yaml') as f:
    data = yaml.load(f)

print(data)

with open('yaml_example.yaml', 'r') as stream:
    data_loaded = yaml.safe_load(stream)

print(type(data_loaded))
print(data_loaded)
print(data_loaded.keys())

print(f"The first element of Person is: {data_loaded['Person'][0]}")
print(f"The name of the first element of Person is: {data_loaded['Person'][0]['name']}")
print(f"The second element of Person is: {data_loaded['Person'][1]}")
print(f"The name of the second element of Person is: {data_loaded['Person'][1]['name']}")
print(f"The value corresponding to Animals is: {data_loaded['Animals']}")
```

Python doesn't have a library for reading YAML files. Install **PyYAML** and use a context manager

'Person' is a list with dictionaries

'Animal' is just a regular list