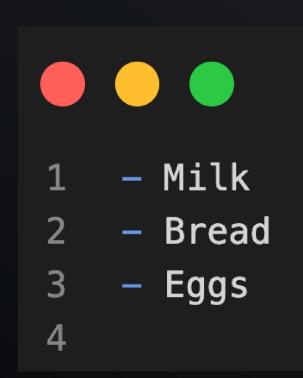
YAML

- https://yaml.org/
- YAML (short for "YAML Ain't Markup Language") is a human-readable data serialization format. It's often used for configuration files, data exchange, and other applications where data needs to be represented in a structured way. YAML is designed to be easy to read and write, even by non-technical users, and to work well with a variety of programming languages.

• The basic structure of YAML is based on the **use of indentation to indicate structure**. This means that each level of structure is indented by a fixed number of spaces (usually 2 or 4). Here's an example of a YAML file that represents a simple shopping list:



the hyphen symbol (-) is used to indicate a list item

```
1 name: John Smith
2 age: 35
3 isMarried: true
4 favoriteFoods:
5    - Pizza
6    - Tacos
7    - Sushi
8 birthdate: 1987-05-12
```

the colon symbol (:) is used to separate the key (the name of the data item)
from the value (the data itself). The data types include a string (name), a
number (age), a boolean (isMarried), a list (favoriteFoods), and a date
(birthdate)

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```
# dictionary
    person:
      # k/v: string
      name: John Smith
      # k/v: number
      age: 35
      # k/v: boolean
      isMarried: true
 8
 9
      # nested dictionary
10
      favoriteFoods:
11
        # list
12
        - Pizza
13
        Tacos
14
        - Sushi
15
      # date birthday
16
      birthdate: 1987-05-12
17
```

```
"person": {
        "name": "John Smith",
        "age": 35,
        "isMarried": true,
        "favoriteFoods": [
6
          "Pizza",
          "Tacos",
           "Sushi"
10
        "birthdate": "1987-05-12"
11
12
13
```