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# Lumache

*Release 0.1*

**Graziella**

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**Lumache** (/lu'make/) is a Python library for cooks and food lovers that creates recipes mixing random ingredients. It pulls data from the [Open Food Facts database](#) and offers a *simple* and *intuitive* API.

Lumache has its documentation hosted on Read the Docs.

Check out the [Usage](#) section for further information, including how to [Installation](#) the project.

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**Note:** This project is under active development.

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## 1.1 Usage

### 1.1.1 Installation

To use Lumache, first install it using pip:

```
(.venv) $ pip install lumache
```

### 1.1.2 Creating recipes

To retrieve a list of random ingredients, you can use the `lumache.get_random_ingredients()` function:

`lumache.get_random_ingredients(kind=None)`

Return a list of random ingredients as strings.

**Parameters**

**kind** (*list[str]* or *None*) – Optional “kind” of ingredients.

**Raises**

*lumache.InvalidKindError* – If the kind is invalid.

**Returns**

The ingredients list.

**Return type**

*list[str]*

The `kind` parameter should be either `"meat"`, `"fish"`, or `"veggies"`. Otherwise, *lumache.get\_random\_ingredients()* will raise an exception.

**exception** `lumache.InvalidKindError`

Raised if the kind is invalid.

For example:

```
>>> import lumache
>>> lumache.get_random_ingredients()
['shells', 'gorgonzola', 'parsley']
```

## 1.2 API

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*lumache*

Lumache - Python library for cooks and food lovers.

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### 1.2.1 lumache

Lumache - Python library for cooks and food lovers.

#### Functions

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*get\_random\_ingredients*([kind])

Return a list of random ingredients as strings.

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#### Exceptions

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*InvalidKindError*

Raised if the kind is invalid.

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