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# **Lumache**

***Release 0.1***

**Graziella**

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# CONTENTS

<b>1</b>	<b>Contents</b>	<b>3</b>
1.1	Usage . . . . .	3
1.2	API . . . . .	4
	<b>Python Module Index</b>	<b>5</b>
	<b>Index</b>	<b>7</b>



**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.

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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## CONTENTS

## 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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<i>lumache</i>	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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<i>get_random_ingredients</i> ([kind])	Return a list of random ingredients as strings.
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#### Exceptions

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<i>InvalidKindError</i>	Raised if the kind is invalid.
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Lumache has its documentation hosted on Read the Docs.



## PYTHON MODULE INDEX

|

lumache, 4



## INDEX

### G

`get_random_ingredients()` (*in module lumache*), 3

### I

`InvalidKindError`, 3

### L

`lumache`  
    module, 4

### M

module  
    lumache, 4