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# **AUVANA**

***Release 0.1***

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The Automated video Analysis Software (AUVANA) is a video annotation tool that leverages state-of-the-art artificial intelligence to help researchers to automatically analyze their videos and annotate them. The current version of the tool has the following features:

1. Scene detection
2. Keyframe extraction
3. Speech-to-text
4. Object detection and recognition
5. Human face detection and tracking

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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:

The `kind` parameter should be either `"meat"`, `"fish"`, or `"veggies"`. Otherwise, `lumache.get_random_ingredients()` will raise an exception.

For example:

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

## 1.2 API