**BMI CALCULATOR**

1. **About the Application**

This app calculates the BMI index of the list of people given in a JSON format.

App determines the BMI Category and the BMI Health Risk w.r.t the BMI index and outputs it on console and gives you an option to write the output in a desired .csv file.

1. **Installing the utility**

This utility is shipped in a. whl format and is required to package the python code and make it deployment ready.

Use below command to install the Utility.

**pip install bmi\_calculator-1.0-py3-none-any.whl**

Requirements:

1. Python 3.6 or above must be installed. To install python, refer below:

Windows: <https://www.pytorials.com/python-download-install-windows/>

Linux: <https://www.tecmint.com/install-python-in-linux/>

1. **Running the utility.**

Use below command to run this utility

**python -m bmi\_calculator -i input.json -c overweight -o sample.csv**

**Input Arguments:**

usage: \_\_main\_\_.py [-h] [--version] -i INPUT\_JSON\_FILE [-c COUNT\_FREQUENCY]

[-o OUTPUT\_PATH]

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optional arguments:

-h, --help show this help message and exit

--version show program's version number and exit

-i INPUT\_JSON\_FILE, --input INPUT\_JSON\_FILE

Input JSON file path

-c COUNT\_FREQUENCY, --count COUNT\_FREQUENCY

Count frequency of BMI category (Optional)

-o OUTPUT\_PATH, --output OUTPUT\_PATH

File path where to write the data (Optional)

1. **Running the Test Cases**

Use below command to run the test cases.

**Python setup.py tests**

1. **Sample JSON**

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