HOW TO RUN THE PROGRAM

1. Move to the folder with file ***run.py*** via Terminal, i.e.:

   ```
   cd /path/to/jetsta
   ```

2. Type command in Terminal

   ```
   python run.py
   ```

It is necessary to have Python 3.5 or newer to run the program. To make sure, type command in Terminal:

```
python -V
```

If displayed version is less than 3.5, it is posible to switch version by typing following commands:

```
module unload python
module load python
```

These commands will switch active version of python to the latest one.

OUTPUT

Output variables:

1. Inversion radius of crash
2. Crash duration

JETSTA return results in several ways:

1. Print all results in terminal during computing
2. Exprort all results into file ***results/output.csv***, which is excel-like file.
3. Create images in ***results*** folder to clarify results.

ABOUT PARAMETERS

SETTING PARAMETERS

In the same directory where ***run.py*** is placed, you can find file ***input.json***

That file can be opened with any text editor. Inside is placed structured list of parameters which should be filled.

REQUIRED PARAMETERS

Obligatory parameters are "*Crash Start*" and "*Crash End*".

Both are integer numbers - order of crash in MatLab database.

If "*Crash Start*" and "*Crash End*" are different, i.e. 1 and 10, the program will analyse every crash from 1 to 10.

If "*Crash Start*" and "*Crash End*" are the same number, *i.e. 1 and 1*, the program will analyse only crash number 1.

ADVANCED PARAMETERS

CONTACT

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GitHub: https://github.com/azarat/jetsta/tree/1.0