Tutorial scripting

1. Choose the scripting language to use (R or Python)
2. Drag and drop the analytics queries you want to use in the script from left analytics field to right analytics field
   a. The available input variables appear in the "Variables-section. The available variables correspond with the columns of the analytics query.

Signal
TestAnalytics
Temperature
Shock Acc_x 0

TestAnalytics

</> Script

Variables

▼ TestAnalytics

['(Historical) Timestamp']

['(Historical) Thing']

['0_0_temp']

```
1  import numpy as np
2
3  test = ((np.asarray(TestAnalytics['0_0_temp']/1000)).tolist()
```
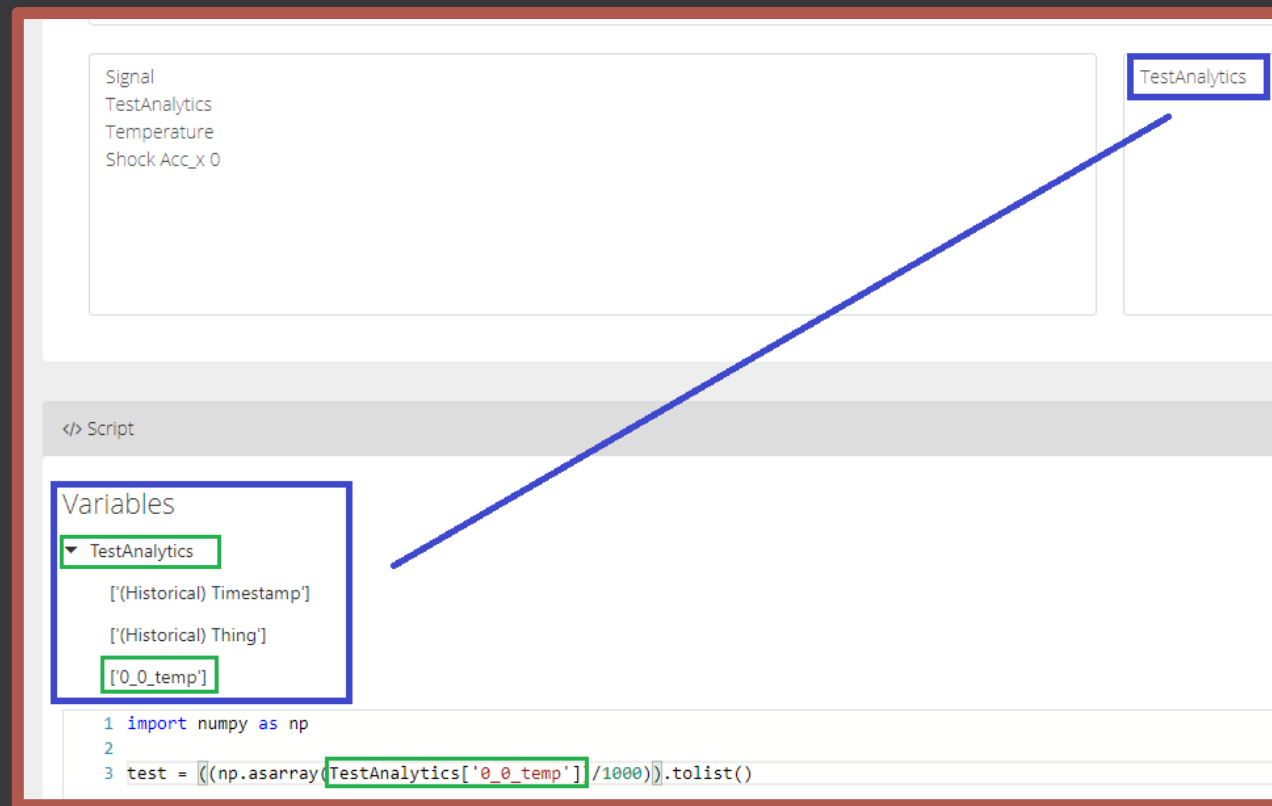
3. Click "Input Settings" and define, how much rows of the input analytics should be used for the script
4. Define "Results". The result variables are then accessible for example for a widget. Note, that only variables defined as result are accessible all script-internal variables are not available for widget creation. Please also note, that any result-variable needs to be defined inside the script and all result-variables must be from same vector-length.
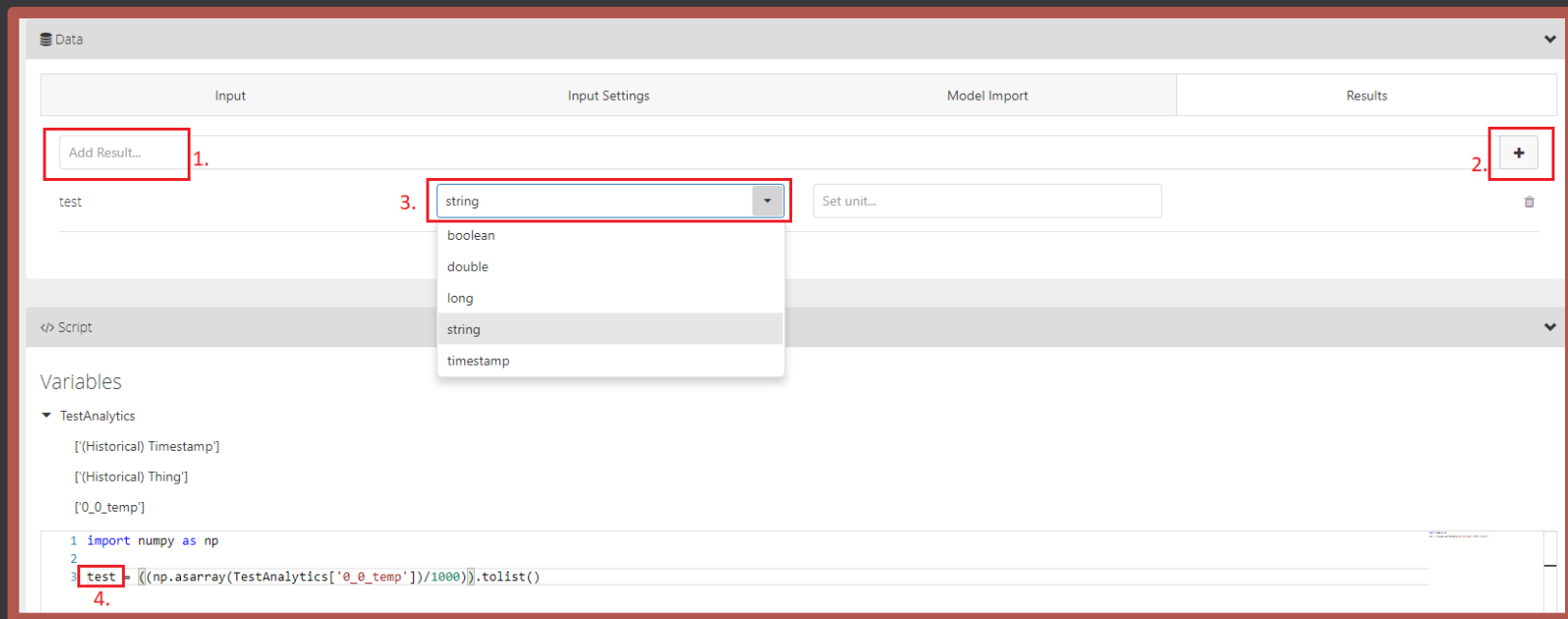
1. Add variable name
2. Click "+"
3. Set the variable data type
4. Use the variable in the scripting editor

5. Write your script and execute or save as desired.