The Gateway Introduction to Python3 for Scientists and Engineers

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Overview

Why Python?

Second Section

A Little History

► Created by: Guido van Rossum, 1989-1991-ish
► Why: The creator wanted something easy to use... that's about it.
► Is it really that easy? Yes (and no)
► Main resource
  https://docs.python.org/3/tutorial/index.html

The Basic

Module = a file containing Python statements and definitions

```python
#example of calling a module, in this case the numpy
import numpy as np

print("Hello, Python!")
```

Blocks of Highlighted Text

Block 1
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer lectus nisl, ultricies in feugiat rutrum, porttitor sit amet augue. Aliquam ut tortor mauris. Sed volutpat ante purus, quis accumsan dolor.

Block 2
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Block 3
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Multiple Columns

Heading

1. Statement
2. Explanation
3. Example

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Table

Treatments	Response 1	Response 2
Treatment 1	0.0003262	0.562
Treatment 2	0.0015681	0.910
Treatment 3	0.0009271	0.296

Table: Table caption

Theorem

Theorem (Mass–energy equivalence)

$E = mc^2$

Figure

Uncomment the code on this slide to include your own image from the same directory as the template .TeX file.

Citation

An example of the \cite command to cite within the presentation:

This statement requires citation [Smith, 2012].

References

John Smith (2012)

Title of the publication

Journal Name 12(3), 45 − 678.

The End

Test Slide