Python Workshop Introduction for Engineers

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November 19, 2018





► Overview of Python

► Availability and Resources

► Examples and Live Demo



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- ► Good beginner's language
- ► Interpreted scripting language
- ▶ Open Source → Free!
 - Wide range of packages / toolboxes
 - Large online community / support
- ▶ Prototyping of daily problems



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- ▶ Python 3.x (and 2.x)
- ► Installation
 - Linux: pre-installed, Anaconda
 - Microsoft: Anaconda
 - Mac: pre-installed, Anaconda
- ► IDEs:
 - Jupyter Notebook (good visualization)
 - PyCharm
 - Spyder (similar to Matlab)
 - text editor + command line

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Follow along...



- ► Go to: https://github.com/jole6826/IntroToPython
- ▶ Clone or Download → Download ZIP
- Extract to Desktop or similar
- Start Jupyter Notebook (via Anaconda Prompt)
- ► Navigate to IntroToPython/Notebooks folder
- ► Start FSR-Workshop-Intro.ipynb

Live Demo



