Python Workshop
Introduction for Engineers

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Agenda

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- ▶ Overview of Python

- ▶ Availability and Resources

- ▶ Examples and Live Demo

- ▶ Tasks

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Overview of Python

▶ 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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Availability and Resources

▶ Python 3.x (and 2.x)

▶ Installation:

  ○ Linux: pre-installed, Anaconda

  ○ Microsoft: Anaconda

  ○ Mac: Anaconda

▶ IDEs:

  ○ PyCharm

  ○ Spyder (similar to Matlab)

  ○ text editor + command line

▶ Places to practice:

  ○ Codewars

  ○ Python Challenge

  ○ ...

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Questions?