

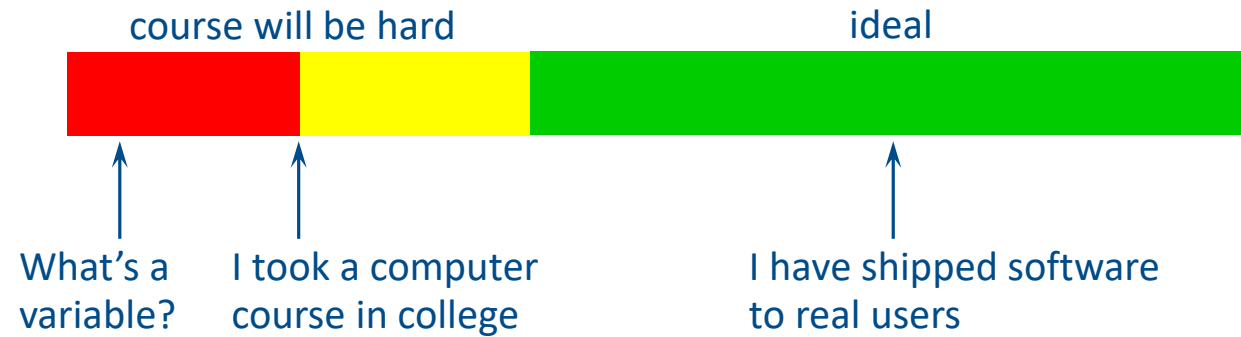


Global Knowledge®

# Essential Python

# Course prerequisites

- You should be familiar with a programming language



# Course goals

- Topics
  - install and configure Python
  - get understanding of the Python language
  - become proficient in one of the Python IDEs
  - see how to write Pythonic code
  - Introducing web applications in Pyramid
  - work with databases (both relational and NoSQL)

# What to Expect

- Day 1
  - Introduction to Python
  - Language basics
  - Working with basic types and collections
- Day 2
  - Functions
  - Classes
  - Error handling
  - File I/O

# What to Expect

- Day 3
  - Iterator
  - Zen of Python
  - Introducing Web applications in Pyramid
  - Database access (Relational DB - ORM)
- Day 4
  - Database access (NoSQL)
  - Building redistributables (modules and packages)
  - Debugging and unit testing Python

# Logistics

- Hours
- Food
- Materials
- Facilities