* Course Overview
* Variable and Numbers
  + Data science, machine learning, web development and more
  + There’s a package for everything
  + Interpreted language
  + Python interpreter let’s you run python lines one at a time
  + Primitive data type
    - Integers: int
  + Python infers the type
* Demo: Install Python
  + In command line
    - Type ‘python --version’
  + Install python
    - Go to python.org and download
  + Install visual studio code
  + Install python extension, Python for VSCode in visual studio code
  + Then tell vs code how to run python program by telling it which interpreter to use
    - View -> command palette
    - Search python select interpreter
    - Use python 3.9
* Demo: Create a Tax Calculator
  + Scripts saves code
  + Files ending in .py is called a python script or python program
  + print(): output to screen
* Strings, Input, and Output
  + data type conversion
    - make a call to the int() function
    - ex) amount = int(10.6)
  + a String stores text
    - can use ‘’ or “”
    - double quotes can be useful if a single quote is literally part of the String
  + string concatenation using + between two strings
  + use input() function to get input from user
    - will store as string
    - ex) my\_name = input(“What’s your name?”)
    - the message gets printed to the screen
    - the program waits for the user to input something and press enter
  + \n is a special character for a newline
  + int are whole numbers
  + floats which are decimals
  + string stores text
* Demo\_ Crate an Age Calculator
  + //: for integer division
  + % for remainder
* Conditionals