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Python for Data Analytics

1. What is Python and why is it useful?

Python is a programming language that is open source. It's free to use. It is useful to build packages which is a code that can be shared with other people to solve specific problems.

2. Are the following variable names allowed in python?

1_message (yes)

Greeting_message (yes)

Message_1 (yes)

First name (No)

Full_name (yes)

3. Create a variable that holds the string "hello there!"
4. Create a variable for first name, last name and an email extension. Concatenating all three together to form an email address. For example: firstname.lastname@gmail.com
5. Store someone you know name in a variable called name. Print their name in lower and uppercase using a method.

6. Using a variable, ask your friend if they want to hang out on the 15th of the month. For example, "Do you want to hang out on the 15th of this month?" You should have to convert the number to a string.