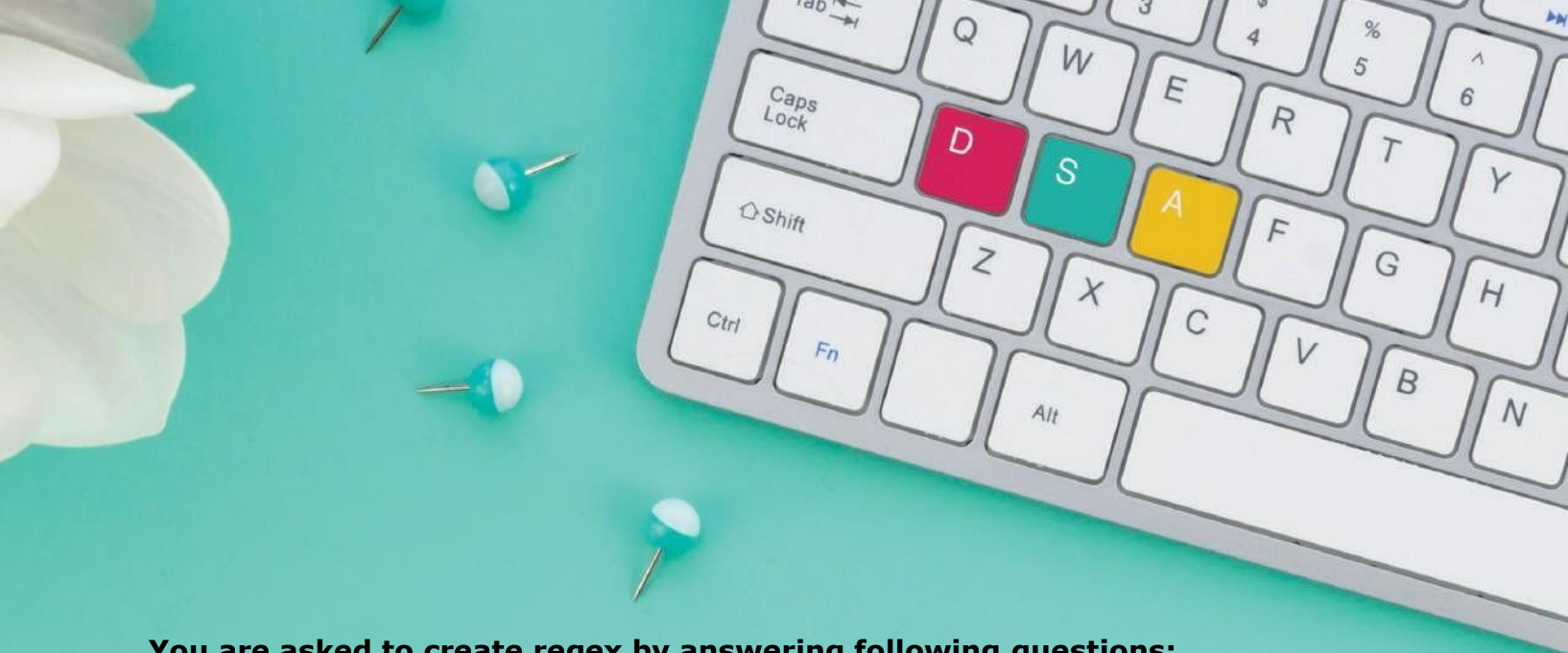


Python Case Study Regex with real case problems WEEK 2



**Data Science
Academy**

CASE STUDY



You are asked to create regex by answering following questions:

1. Create a regex that can select names and ages from the given list and create a new dictionary with name as a key and age as a value:

```
Nameage = "\nJanice is 22 and Theon is 33 \nGabriel is 44 and Joey is 21\n"
```

2. Create a regex for email verification. All E-mail addresses should include:

- a) 3 to 10 lowercase or uppercase letters, numbers
- b) An @ symbol
- c) 2 to 10 lowercase and uppercase letters, numbers
- d) .
- e) 2 to 4 lowercase and uppercase letters

Example: meow@gmail.com is a right mail but,
Hello.com, MrMu@.com are not.

3. Create a regex for number verification. The order of number's structure should be as following:

1. (
2. 3 numbers
3.)
4. Space
5. numbers
6. -
7. numbers

Example: (257) 563-7401, (111) 222-3333 are right numbers
(1) 19-39, +994 012-13-32 are not right numbers