

## Different Ways of Importing in Python

Below is the image showing the question from DataCamp:

Learn / Courses / Introduction to Python

Exercise

### Different ways of importing

There are several ways to import packages and modules into Python. Depending on the import call, you'll have to use different Python code.

Suppose you want to use the function `inv()`, which is in the `linalg` subpackage of the `scipy` package. You want to be able to use this function as follows:

```
my_inv([[1,2], [3,4]])
```

Which `import` statement will you need in order to run the above code without an error?

Instructions 50 XP

Possible answers

- ☒ `import scipy`
- ☐ `import scipy.linalg`
- ☐ `from scipy.linalg import my_inv`
- ☐ `from scipy.linalg import inv as my_inv`

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Explanation of the Question:

The question asks about which import statement is needed to use the function `inv()` from the `scipy.linalg` subpackage so that the given code can run without errors.

Answer:

```
from scipy.linalg import inv as my_inv
```

Explanation of the Answer:

The function `inv()` belongs to the `scipy.linalg` subpackage. To use it with the alias `my_inv`, the correct syntax is `'from scipy.linalg import inv as my_inv'`.

This allows the function to be referenced as 'my\_inv' without having to import the entire scipy or scipy.linalg package.