Python code chunks in R Markdown

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## A normal R code chunk

library(tinytex)

## Warning: le package 'tinytex' a été compilé avec la version R 4.2.1

library(reticulate)

## Warning: le package 'reticulate' a été compilé avec la version R 4.2.1

x = 42  
print(x)

## [1] 42

## Modify an R variable

In the following chunk, the value of x on the right hand side is 42, which was defined in the previous chunk.

x = x + 12  
print(x)

## [1] 54

## A Python chunk

This works fine and as expected.

x = 42 \* 2  
print(x)

## 84

The value of x in the Python session is 84. It is not the same x as the one in R.

## Modify a Python variable

x = x + 18   
print(x)

## 102

Retrieve the value of x from the Python session again:

py$x

## [1] 102

Assign to a variable in the Python session from R:

py$y = 1:5

See the value of y in the Python session:

print(y)

## [1, 2, 3, 4, 5]

## Python graphics

You can draw plots using the **matplotlib** package in Python.

import matplotlib.pyplot as plt  
plt.plot([0, 2, 1, 4])  
plt.show()

