

```
In [ ]: # What's already installed?
# import tensorflow as tf
# print(tf.__version__)
```

1.14.0

```
In [ ]: # Install TensorFlow 2.0
# You can run regular shell commands by prepending !
# !pip install -q tensorflow==2.0.0-beta1

# GPU version
# !pip install -q tensorflow-gpu==2.0.0-beta1
```

```
In [ ]: ##### UPDATE 2020 #####
# new feature of colab - you can just use this
try:
    %tensorflow_version 2.x # Colab only.
except Exception:
    pass
```

`%tensorflow_version` only switches the major version: 1.x or 2.x.
You set: `2.x` # Colab only.`. This will be interpreted as: `2.x`.

TensorFlow 2.x selected.

```
In [ ]: # Check Tensorflow version again
import tensorflow as tf
print(tf.__version__)
```

2.2.0-rc2

```
In [ ]: # How to install a library permanently?
# https://stackoverflow.com/questions/55253498/how-do-i-install-a-library-permanently-i
```

```
In [ ]: # More fun with !
!ls
```

sample_data

```
In [ ]: # More fun with !
# Nice! Looks like we already have some useful data to work with
!ls sample_data
```

```
anscombe.json          mnist_test.csv
california_housing_test.csv  mnist_train_small.csv
california_housing_train.csv  README.md
```