

In [1]:

```
import tensorflow as tf
```

In [2]:

```
tensor = tf.random_uniform((5,5), 0,1)
```

In [3]:

```
variable = tf.Variable(initial_value=tensor)
```

In [4]:

```
print(variable)
```

```
<tf.Variable 'Variable:0' shape=(5, 5) dtype=float32_ref>
```

In [6]:

```
inicializador = tf.global_variables_initializer()
```

In [7]:

```
with tf.Session() as session:  
    session.run(inicializador)  
    resultado= session.run(variable)
```

In [8]:

```
print (resultado)
```

```
[[0.8698789  0.46232986 0.24494278 0.3439008  0.5877681 ]  
 [0.6529082  0.88472414 0.66382754 0.29686213 0.3642583 ]  
 [0.8903508  0.972932  0.921723  0.9187945  0.23947656]  
 [0.91970205 0.73426926 0.31610274 0.24234629 0.21743262]  
 [0.77562785 0.19893157 0.5538782  0.68868065 0.03095126]]
```

In [9]:

```
incognitas = tf.placeholder(tf.float32, shape=(20,20))
```

In [10]:

```
print(incognitas)
```

```
Tensor("Placeholder:0", shape=(20, 20), dtype=float32)
```

In []:

In []: