

Tutorial 2

```
data=np.array({0,1,2,3,4,5,6,7,8,9})  
print(np.mean(data))
```

- A. **4.5**
 - B. 5
 - C. 3
-

```
data=np.array({0,1,2,3,4,5,6,7,8,9})  
print(np.median(data))
```

- A. **4.5**
 - B. 3
 - C. 4
-

```
data=np.array({0,1,2,3,4,5,6,7,8,9})
```

Was ist der 25% quantile

- A. 1
 - B. 2
 - C. **2,25**
 - D. 3
-

```
data1 = [0, 1, 2, 3, 4, 5, 6, 7, 8, 9];  
data2 = [9,8,7,6,5,4,3,2,1,0]
```

```
print(np.corrcoef(data1,data2)[0,1])
```

- A. **-1**
 - B. 0
 - C. 1
-

Welche wichtige Eigenschaft hat die Kovarianz Matrix?

```
data = [0,1]
```

```
print(np.std(data))
```

- A. 0
 - B. 0.25
 - C. **0.5**
 - D. 0.75
 - E. 1
-

