stastistics in python

```
#importing the numpy library
import numpy as np


#creating a dataframe  called "sta"
sta =np.array([20,5,34,22,40,60])


#display the dataframe
print(sta)
```

```
[20  5 34 22 40 60]
```

mean

```
#checking the mean
mean=np.mean(sta)


#printing the mean
mean
```

```
30.166666666666668
```

median

```
#median
median=np.median(sta)


#printing the medium of the dataframe
print (median)
```

```
28.0
```

standard deviation

```
#standard deviation
std_dev=np.std(sta)


#printing the standard deviation
print (std_dev)
```

```
17.34374687187159
```

variance

variance

```
#variance
variance=np.var(sta)


#displaying the variance of the dataframe
print (variance)
```

```
300.8055555555556
```

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