

# prepareDatas

June 20, 2022

## 1 Prepare RSSI datas :

### 1.1 Libs :

```
[1]: from prepareRSSI import RssiDatas
import pandas as pd
import parameters as param
```

### 1.2 Import and prepare RSSI values :

```
[2]: RSSI = RssiDatas()

RSSI.listMac()

#print(RSSI.mac)

RSSI.importRssiValues()

#print(RSSI.rssi)
#print(RSSI.position_changes)

# convert array into dataframe
DF = pd.DataFrame(RSSI.rssi)

# save the dataframe as a csv file
DF.to_csv("rawRSSI.csv")

RSSI.correctDataWithinPosition()

#print(RSSI.rssi)

RSSI.correctDataWithinZone()

#print(RSSI.rssi)

RSSI.correctDataByDeletingMac()
```

```
#print(RSSI.rssi)
```

```
RSSI.exportDatas()
```

142 access point will be deleted