

AllianzSažimanjePodataka

August 1, 2025

```
[1]: import pandas as pd
```

```
[2]: allianz = pd.read_excel("../..../datasets/Allianz2_kolone.xlsx")
```

```
[3]: allianz.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 150000 entries, 0 to 149999
Data columns (total 5 columns):
#   Column                Non-Null Count  Dtype
---  -
0   City                  149998 non-null  object
1   GeNdeR_oF_CustoMer   149998 non-null  object
2   Age                   149998 non-null  float64
3   InCoMe                149998 non-null  float64
4   ILLness               150000 non-null  object
dtypes: float64(2), object(3)
memory usage: 5.7+ MB
```

```
[4]: allianz.memory_usage()
```

```
[4]: Index                132
City                  1200000
GeNdeR_oF_CustoMer    1200000
Age                   1200000
InCoMe                1200000
ILLness               1200000
dtype: int64
```

```
[5]: allianz['Age'] = pd.to_numeric(allianz['Age'], downcast='float')
```

```
[6]: allianz.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 150000 entries, 0 to 149999
Data columns (total 5 columns):
#   Column                Non-Null Count  Dtype
---  -
0   City                  149998 non-null  object
```

```

1  GeNdeR_oF_CustoMer  149998 non-null  object
2  Age                149998 non-null  float32
3  InCoMe              149998 non-null  float64
4  ILLness             150000 non-null  object
dtypes: float32(1), float64(1), object(3)
memory usage: 5.1+ MB

```

```
[7]: allianz['InCoMe'] = pd.to_numeric(allianz['InCoMe'], downcast='float')
```

```
[8]: allianz.info()
```

```

<class 'pandas.core.frame.DataFrame'>
RangeIndex: 150000 entries, 0 to 149999
Data columns (total 5 columns):
#   Column                Non-Null Count  Dtype
---  -
0   City                  149998 non-null  object
1   GeNdeR_oF_CustoMer    149998 non-null  object
2   Age                  149998 non-null  float32
3   InCoMe                149998 non-null  float32
4   ILLness               150000 non-null  object
dtypes: float32(2), object(3)
memory usage: 4.6+ MB

```