```
"C:\Program Files\Python311\python.exe" "E:\VS CODE\Internship Python\Task 3\Data-Analysis.py"
    OrderDate   Region  Manager  ...   Units  Unit_price  Sale_amt
40 2019-11-17  Central  Hermann  ...   11.00    500.000   5500.00
41 2019-12-04  Central  Hermann  ...   94.00    500.000  47000.00
42 2019-12-21  Central   Martha  ...   28.00    500.000  14000.00
43        NaT      NaN      NaN  ...  278.00   1125.000  62550.00
44        NaT      NaN      NaN  ...   34.75    140.625   7818.75

[5 rows x 8 columns]
                 OrderDate       Units   Unit_price       Sale_amt
count                    43   45.000000    45.000000      45.000000
mean   2018-12-29 00:00:00   54.083333   583.313889   30578.761111
min    2018-01-06 00:00:00    2.000000    58.500000     250.000000
25%    2018-07-03 12:00:00   28.000000   225.000000    4329.000000
50%    2018-12-29 00:00:00   53.000000   500.000000   17100.000000
75%    2019-06-25 12:00:00   75.000000  1198.000000   43128.000000
max    2019-12-21 00:00:00  278.000000  1198.000000  113810.000000
std                    NaN   45.096676   444.806622   32227.534943
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 45 entries, 0 to 44
Data columns (total 8 columns):
 #   Column      Non-Null Count  Dtype
---  ------      --------------  -----
 0   OrderDate   43 non-null     datetime64[ns]
 1   Region      43 non-null     object
```

```
26  2   Manager     43 non-null     object
27  3   SalesMan    43 non-null     object
28  4   Item        43 non-null     object
29  5   Units       45 non-null     float64
30  6   Unit_price  45 non-null     float64
31  7   Sale_amt    45 non-null     float64
32 dtypes: datetime64[ns](1), float64(3), object(4)
33 memory usage: 2.9+ KB
34 None
35 OrderDate     2
36 Region        2
37 Manager       2
38 SalesMan      2
39 Item          2
40 Units         0
41 Unit_price    0
42 Sale_amt      0
43 dtype: int64
44 E:\VS CODE\Internship Python\Task 3\Data-Analysis.py:
   18: FutureWarning: The default of observed=False is
   deprecated and will be changed to True in a future
   version of pandas. Pass observed=False to retain
   current behavior or observed=True to adopt the future
    default and silence this warning.
45   plt.bar(sales['Region'].cat.categories, sales.
   groupby('Region')['Sale_amt'].sum(), alpha=0.7, color
   ='yellow', edgecolor='purple')
46 E:\VS CODE\Internship Python\Task 3\Data-Analysis.py:
   31: FutureWarning: The default of observed=False is
   deprecated and will be changed to True in a future
   version of pandas. Pass observed=False to retain
   current behavior or observed=True to adopt the future
    default and silence this warning.
47   top_products = sales.groupby('Item')['Sale_amt'].
   sum().sort_values(ascending=False).head(5)
48
49 Process finished with exit code 0
50
```