```
In [146...
           # Import required libraries
           import pandas as pd
           import numpy as np
           import matplotlib.pyplot as plt
           import seaborn as sns
           crimes = pd.read_csv("crimes.csv", parse_dates=["Date Rptd", "DATE OCC"], dtype={"T
           crimes.head()
Out[146...
                                DATE TIME
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                                                         Crm Cd Vict Vict
                          Date
                                                                                Vict Weapon
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In [147...
           crimes.dtypes
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           DR NO
                                     int64
           Date Rptd
                            datetime64[ns]
           DATE OCC
                            datetime64[ns]
           TIME OCC
                                    object
           AREA NAME
                                    object
           Crm Cd Desc
                                    object
           Vict Age
                                     int64
           Vict Sex
                                    object
           Vict Descent
                                    object
           Weapon Desc
                                    object
           Status Desc
                                    object
           LOCATION
                                    object
           dtype: object
           crimes["hour_occ"] = crimes["TIME OCC"].str[:2]
In [148...
In [149...
           peak_crime_hour = int(crimes["hour_occ"].value_counts().index[0])
           peak_crime_hour
```

	DR_NO	Date Rptd	DATE OCC	TIME	AREA NAME	Crm Cd Desc	Vict Age	Vict Sex	Vict Descent
0	220314085	2022- 07-22	2020- 05-12	11:10:00	Southwest	THEFT OF IDENTITY	27	F	В
1	222013040	2022- 08-06	2020- 06-04	16:20:00	Olympic	THEFT OF IDENTITY	60	М	Н
2	220614831	2022- 08-18	2020- 08-17	12:00:00	Hollywood	THEFT OF IDENTITY	28	М	Н
3	231207725	2023- 02-27	2020- 01-27	06:35:00	77th Street	THEFT OF IDENTITY	37	М	Н
4	220213256	2022- 07-14	2020- 07-14	09:00:00	Rampart	THEFT OF IDENTITY	79	М	В
•••									
185710	231510379	2023- 05-29	2023- 05-25	11:00:00	N Hollywood	BUNCO, GRAND THEFT	25	М	W
185711	231604807	2023- 01-27	2023- 01-26	18:00:00	Foothill	VANDALISM - FELONY (\$400 & OVER, ALL CHURCH VA	23	М	Н
185712	231606525	2023- 03-22	2023- 03-22	10:00:00	Foothill	ASSAULT WITH DEADLY WEAPON, AGGRAVATED ASSAULT	25	F	Н
185713	231210064	2023- 04-12	2023- 04-12	16:30:00	77th Street	ASSAULT WITH DEADLY WEAPON, AGGRAVATED ASSAULT	29	М	В
185714	230906458	2023- 03-05	2023- 03-05	09:00:00	Van Nuys	VANDALISM - MISDEAMEANOR (\$399 OR UNDER)	53	F	н
185715 rows × 14 columns									
4									•

In [155... peak_night_crime_location = crimes.groupby("AREA NAME")["is_night_crime"].count().s
peak_night_crime_location

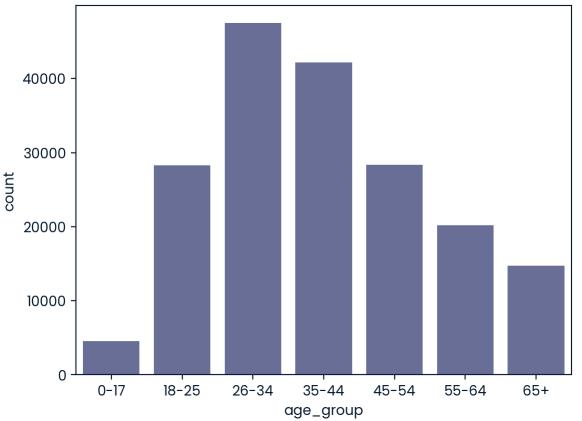
Out[155... 'Central'

In [156... labels = ["0-17","18-25","26-34","35-44","45-54","55-64","65+"]

```
bins = [0,17,25,34,44,54,64,crimes["Vict Age"].max()]

In [157... crimes["age_group"] = pd.cut(crimes["Vict Age"], labels=labels, bins=bins)

In [158... sns.countplot(data=crimes, x="age_group")
plt.show()
```



```
In [159...
          victim_ages = crimes["age_group"].value_counts()
          victim_ages
Out[159...
           26-34
                    47470
           35-44
                    42157
           45-54
                    28353
           18-25
                    28291
           55-64
                    20169
           65+
                    14747
           0-17
                     4528
           Name: age_group, dtype: int64
```