


# Crude Oil Production Analysis

Exploration of crude oil production data using Pandas, Matplotlib, and Seaborn.

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# Data Loading and Inspection

## Pandas Import

Import pandas library.

## CSV Read

Read "Crude Oil Production.csv".

## DataFrame Display

Display the DataFrame.

```
Radis Year {  
    Oil milion (larde)  
10 Wesar Pares liz. 1.Sauin. Amaril, Production)  
22  
34 Seat Sove ill. 1.100.1,100t4 , 2021  
45 1  
33 Seni Iadna a4.. 1.Tmgrl, .8p06 2041  
35 1  
39 Sear Tasalled. .201.3.20664 , 2021  
34 1 Resslerion Eltl M.201:9  
210
```



# Data Information

**1**

## DataFrame Info

Display DataFrame information.

**2**

## RangeIndex

168 entries, 0 to 167.

**3**

## Data Types

Object, int64, float64.



# Handling Missing Values

**1**

## **Missing Values**

Check for null values.

**2**

## **Dropping Column**

Drop 'last\_updated' column.

**3**

## **Filling Values**

Fill missing values.



# Data Cleaning



**Drop  
Duplicates**



**Column  
Names**

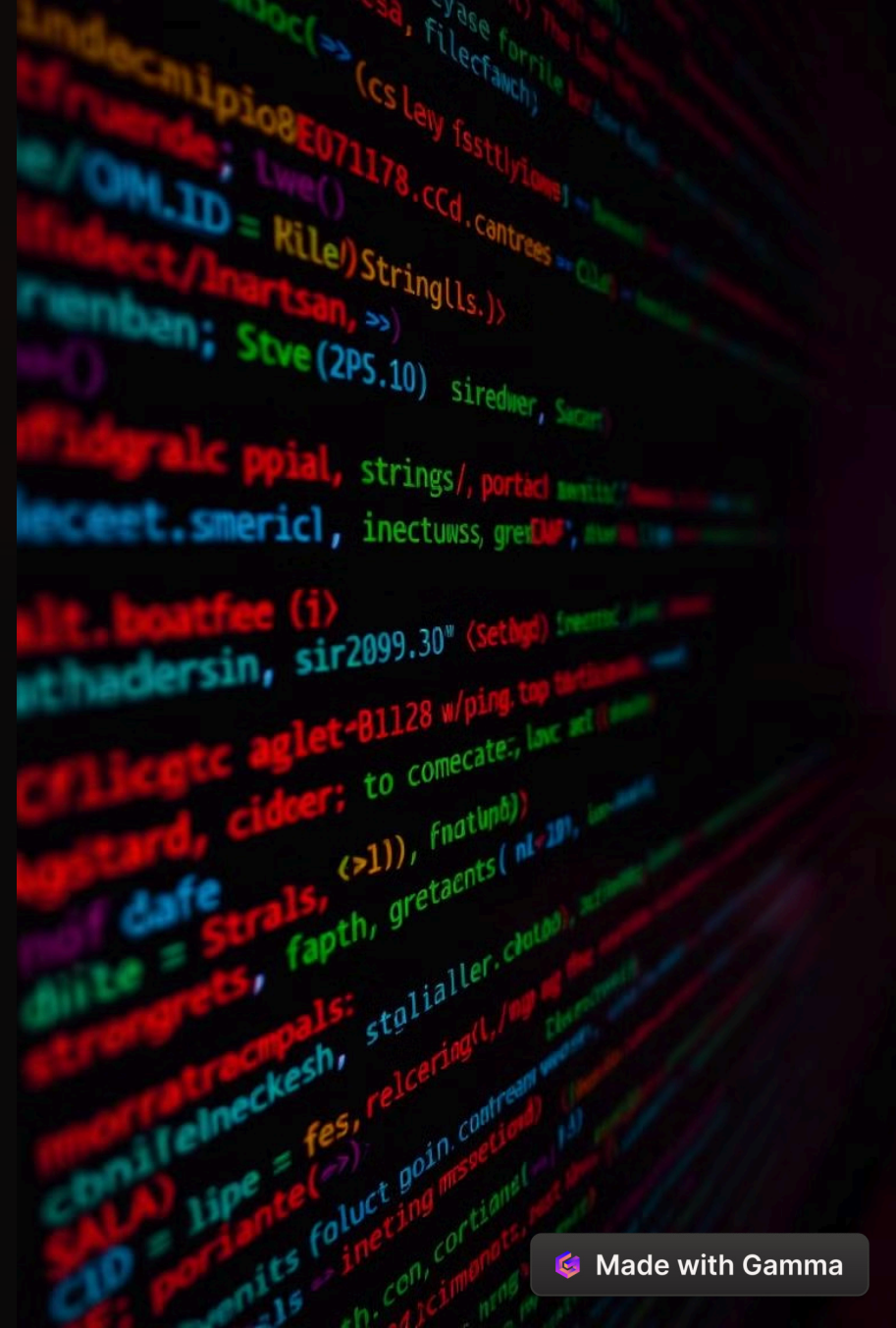


**Formatting**

# Data Types

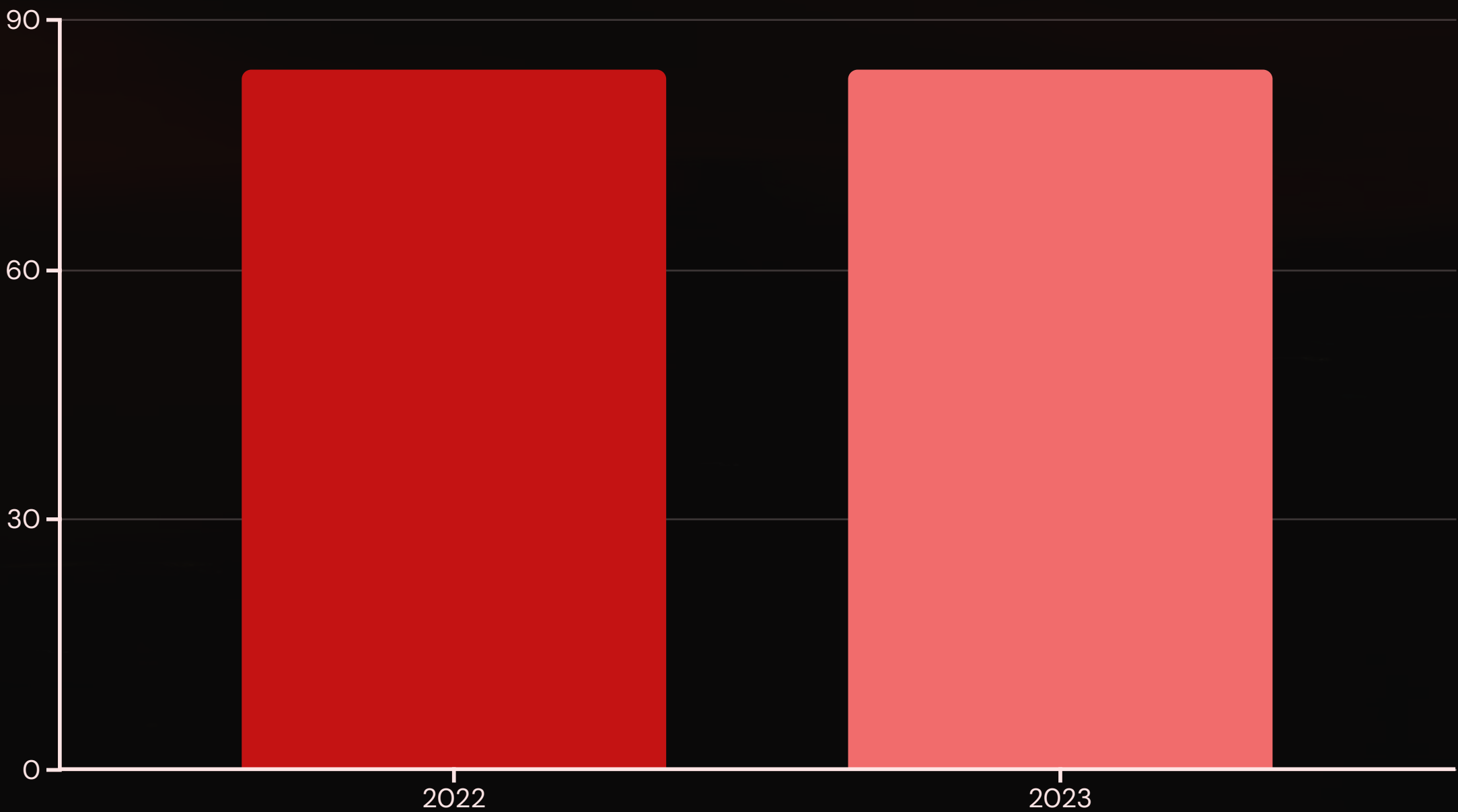
Display data types after cleaning.

```
month object  
year int64  
company_name object  
quantity_(000_metric_tonnes) float64  
dtype: object
```



# Records per Year

Count of records per year.



# Records per Company

Count of records per company.

## Crue Oil Production

