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In [1]: import pandas as pd
import numpy as np
df=pd.read_csv(r"C:\Users\kathi\OneDrive\Desktop\unnati_phase1_data_revised.csv")
num_records = len(df)
num_alert_types = df["Alert"].nunique()
unique_alerts = df["Alert"].unique()
earliest_date = df["Date"].min()
latest_date = df["Date"].max()
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In [2]: alert_counts = df["Alert"].value_counts()

# Display basic information
print(f"Number of records: {num_records}")
print(f"Number of unique alert types: {num_alert_types}")
print(f"Unique alert types: {'', '}.join(unique_alerts)}")
print(f"Earliest date: {earliest_date}")
print(f"Latest date: {latest_date}")
print("\nAlert counts:")
print(alert_counts)
```

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Number of records: 21325
Number of unique alert types: 4
Unique alert types: cas_ldw, cas_hmw, cas_fcw, cas_pcw
Earliest date: 2022-06-01
Latest date: 2022-08-31
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Alert counts:
cas_hmw      12328
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