

Minimal Test

Load Data

```
import pandas as pd
import matplotlib.pyplot as plt

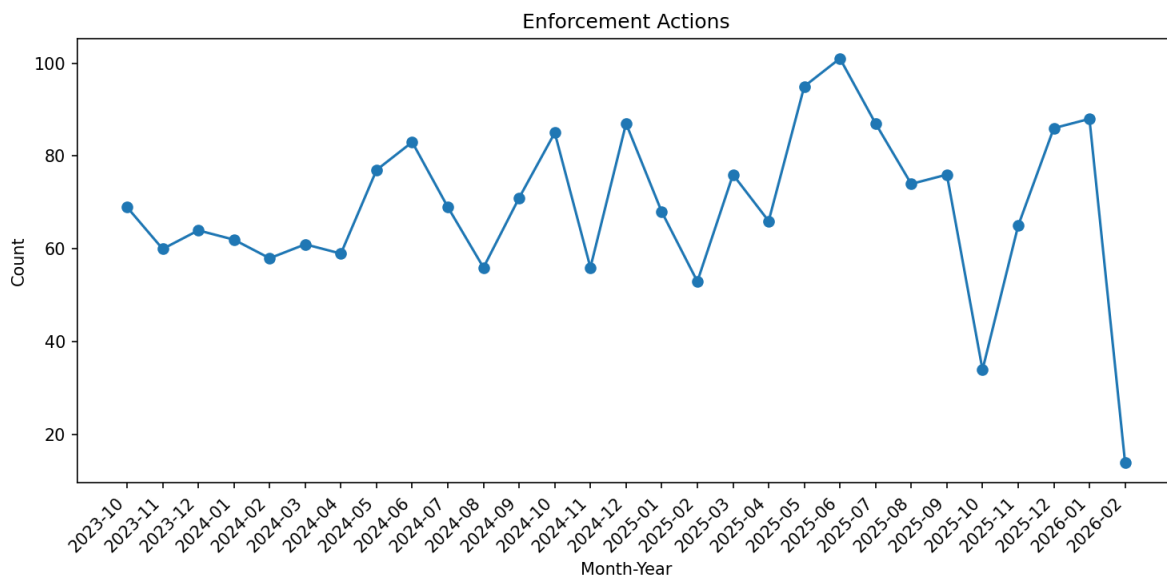
# Load data
df = pd.read_csv('enforcement_actions_2022_1.csv')
df['date_parsed'] = pd.to_datetime(df['date'], format='%B %d, %Y', errors='coerce')
df['month_year'] = df['date_parsed'].dt.to_period('M')
print(f"Loaded {len(df)} records")
```

Loaded 2000 records

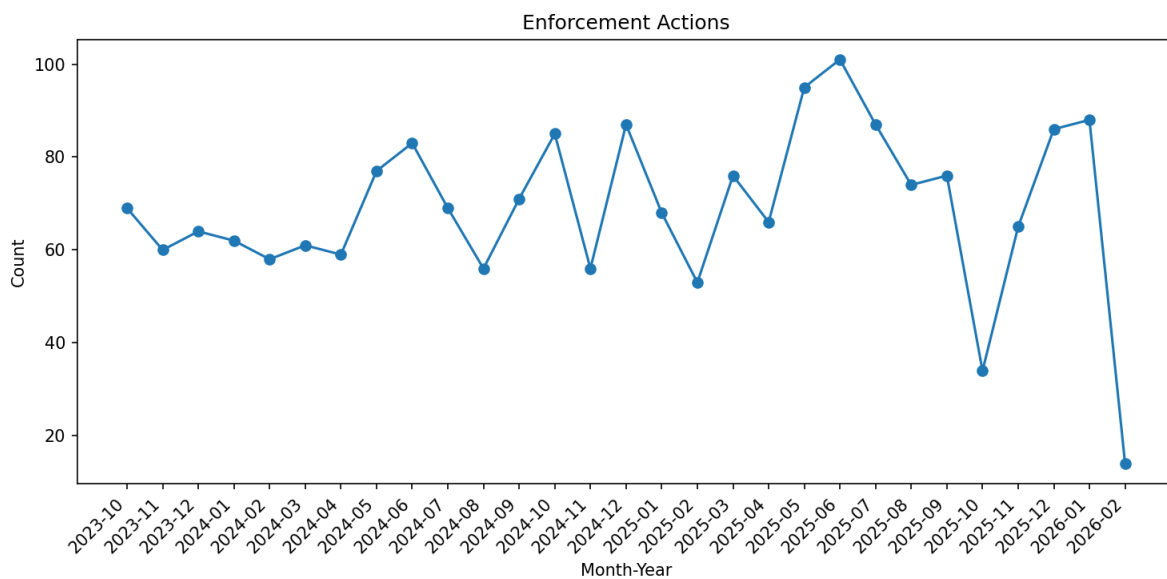
Plot

```
# Aggregate
monthly = df.groupby('month_year').size().reset_index(name='count')
monthly['month_year_str'] = monthly['month_year'].astype(str)

# Plot
plt.figure(figsize=(10, 5))
plt.plot(monthly['month_year_str'], monthly['count'], marker='o')
plt.xlabel('Month-Year')
plt.ylabel('Count')
plt.title('Enforcement Actions')
plt.xticks(rotation=45, ha='right')
plt.tight_layout()
plt.gcf()
```



(a) Timeline



(b)

Figure 1