

```
from google.colab import files
uploaded = files.upload()
```

Choose Files

tweet_task2_ready.csv

- tweet_task2_ready.csv(text/csv) - 5926 bytes, last modified: 6/22/2025 - 100% done

Saving tweet_task2_ready.csv to tweet_task2_ready.csv

```
print("Original rows:", df.shape[0])
print("Replies > 10:", df[df['replies'] > 10].shape[0])
print("Odd tweet day:", df[df['tweet_day'] % 2 == 1].shape[0])
```

```
filtered = df[(df['replies'] > 10) & (df['tweet_day'] % 2 == 1)]
print("Filtered rows (both conditions):", filtered.shape[0])
```

Original rows: 50

Replies > 10: 45

Odd tweet day: 31

Filtered rows (both conditions): 28

```
print(filtered[['media views', 'media engagements']].describe())
```

	media views	media engagements
count	28.000000	28.000000
mean	2288.321429	1217.357143
std	1199.547015	966.748319
min	483.000000	125.000000
25%	1346.000000	428.500000
50%	2273.000000	1183.500000
75%	3390.750000	1907.000000
max	3975.000000	3588.000000

```
import pandas as pd
import matplotlib.pyplot as plt
from google.colab import files

# Upload CSV file
uploaded = files.upload()
df = pd.read_csv("tweet_task2_ready.csv")

# Filter: replies > 10 and odd tweet_day
filtered = df[(df['replies'] > 10) & (df['tweet_day'] % 2 == 1)]

# Normalize bubble size for visibility
bubble_size = filtered['impressions'] / filtered['impressions'].max() * 300

# Plotting
plt.figure(figsize=(10, 6))
plt.scatter(
    filtered['media views'],
    filtered['media engagements'],
    s=bubble_size,
    c=filtered['engagement_rate'],
    cmap='coolwarm',
    edgecolors='black',
    alpha=0.75
)
plt.xlabel("Media Views", fontsize=12)
plt.ylabel("Media Engagements", fontsize=12)
plt.title("Scatter Chart - Tweets with >10 Replies on Odd Days", fontsize=14)
plt.colorbar(label="Engagement Rate")
plt.grid(True)
plt.show()
```



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Saving tweet_task2_ready.csv to tweet_task2_ready (2).csv

Scatter Chart - Tweets with >10 Replies on Odd Days

