

Challenge 1:

✓ Mar 14, 2025 (12s)

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```
df2 = df1.groupby('destination').count().toPandas().sort_values("count",ascending=False).head(5)
```

df2X

	destination	count
170	ATL	90434
149	DFW	66050
187	ORD	61967
227	LAX	53601
86	DEN	50921

## Challenge 2:

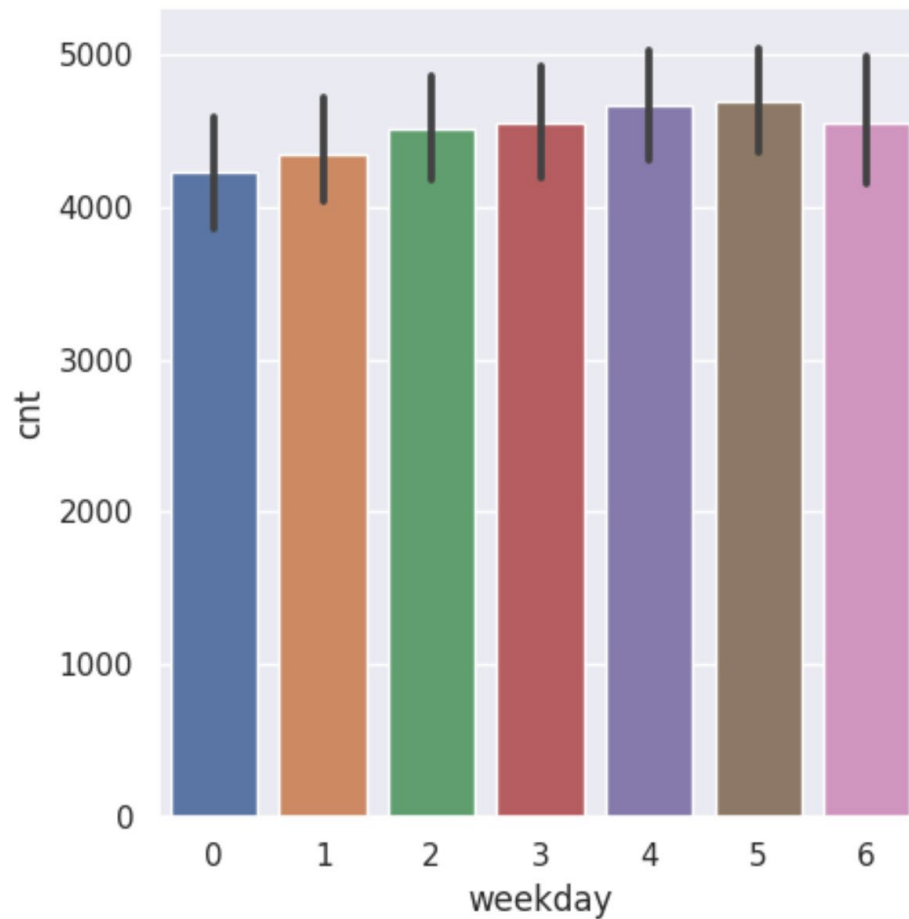
▶ ✓ Mar 14, 2025 (1s)

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```
sns.catplot(data=bike, kind="bar", x="weekday", y="cnt")
```

databricks/python/lib/python3.11/site-packages/seaborn/axisgrid.py:118: UserWarning: T  
self.\_figure.tight\_layout(\*args, \*\*kwargs)

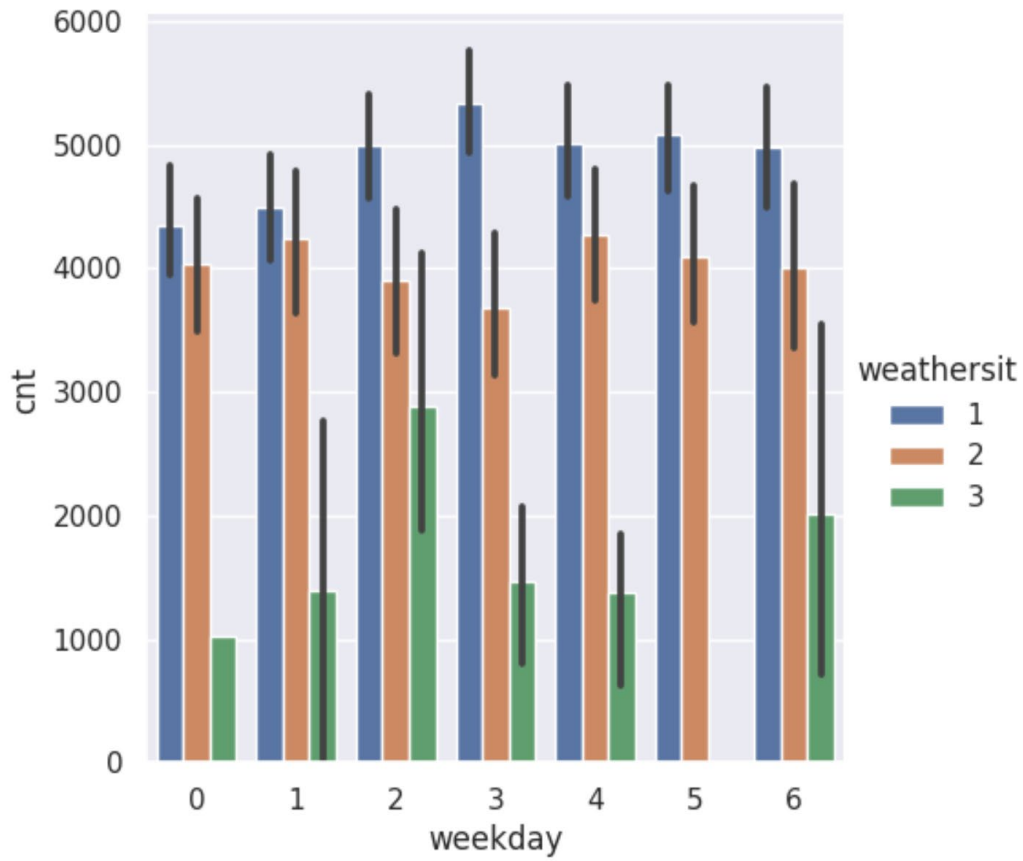
seaborn.axisgrid.FacetGrid at 0x7fde4c93ebd0>



```
sns.catplot(data=bike, kind="bar", x="weekday", y="cnt" , hue="weathersit")
```

/databricks/python/lib/python3.11/site-packages/seaborn/axisgrid.py:118: UserWarning: The figure has no axes. Call fig.canvas.draw() before calling this method.  
self.\_figure.tight\_layout(\*args, \*\*kwargs)

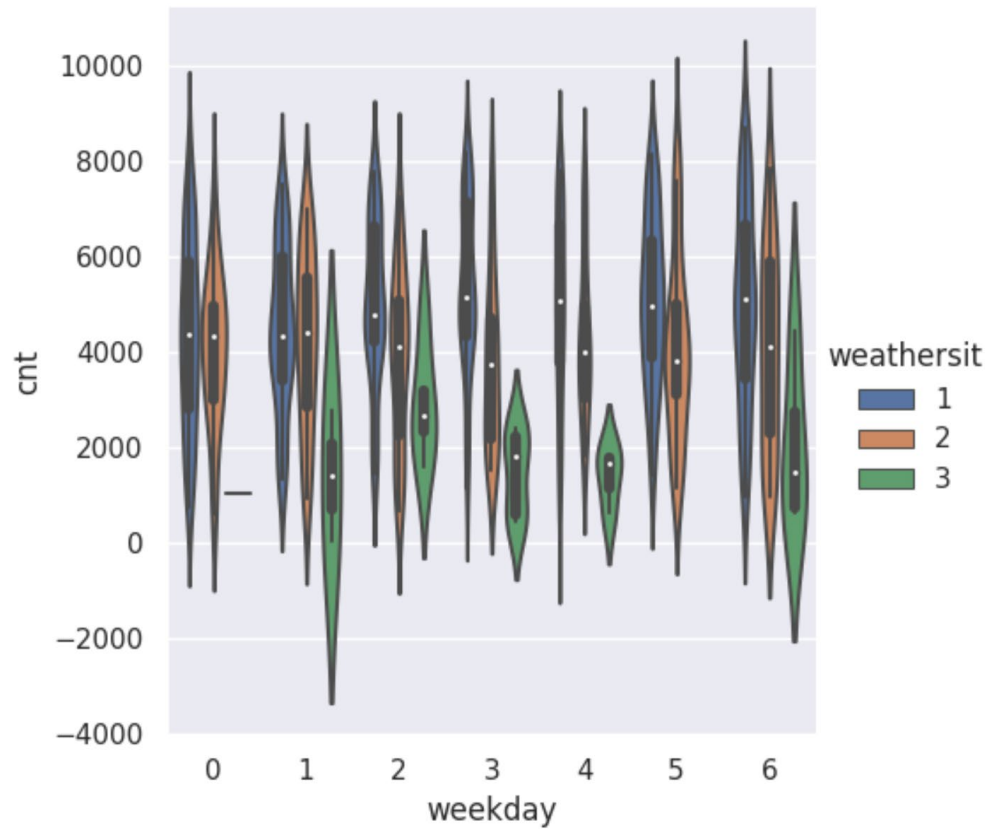
<seaborn.axisgrid.FacetGrid at 0x7fde3f88d150>



```
sns.catplot(data=bike, kind="violin", x="weekday", y="cnt" , hue="weathersit")
```

/databricks/python/lib/python3.11/site-packages/seaborn/axisgrid.py:118: UserWarning: The figure self.\_figure.tight\_layout(\*args, \*\*kwargs)

<seaborn.axisgrid.FacetGrid at 0x7fde3fca2b90>





✓ Mar 14, 2025 (2s)

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```
sns.catplot(data=bike, kind="swarm", x="weekday", y="cnt", hue="weathersit")
```

/databricks/python/lib/python3.11/site-packages/seaborn/axisgrid.py:118: UserWarning: The figure has no axes. Call fig.canvas.draw() or fig.tight\_layout() before using the figure.  
self.\_figure.tight\_layout(\*args, \*\*kwargs)

<seaborn.axisgrid.FacetGrid at 0x7fde3fca0690>

/databricks/python/lib/python3.11/site-packages/seaborn/categorical.py:3544: UserWarning: 5.8% of the markers are overlapping. Consider using the 'stripplot' kind to show individual data points.  
warnings.warn(msg, UserWarning)

