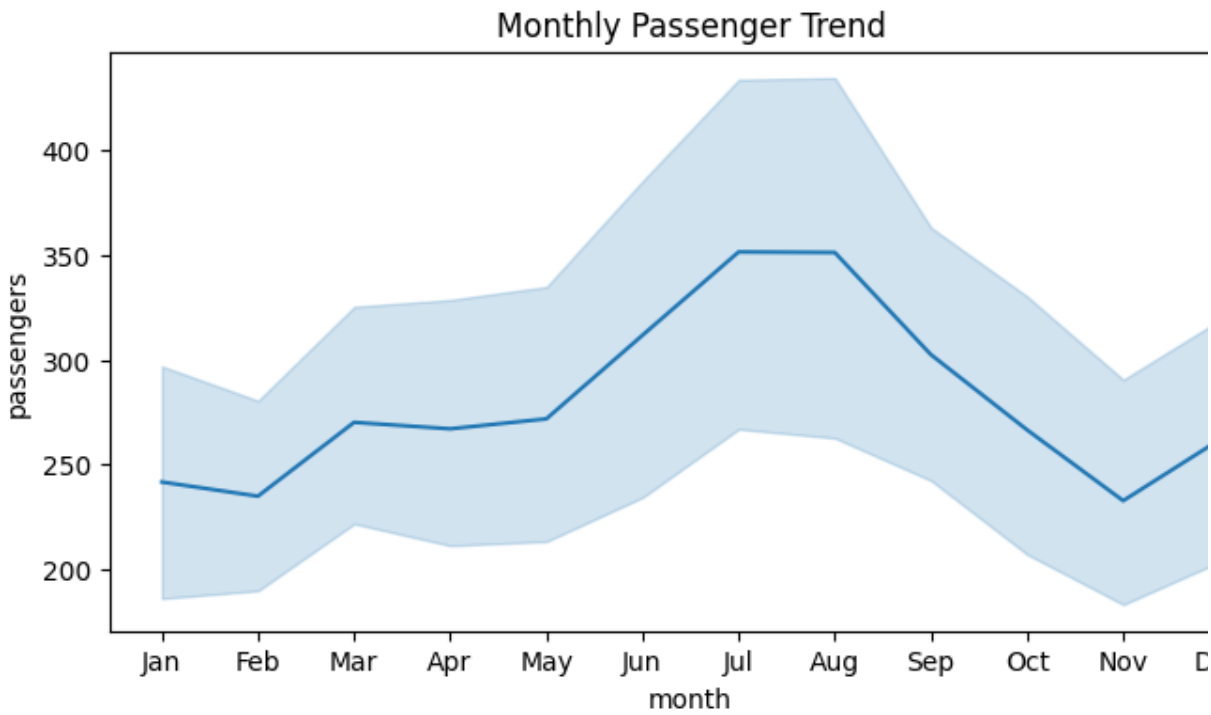
In [1]:
```
mport pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns

# Load built-in dataset
df = sns.load_dataset("flights")

df.head()
```

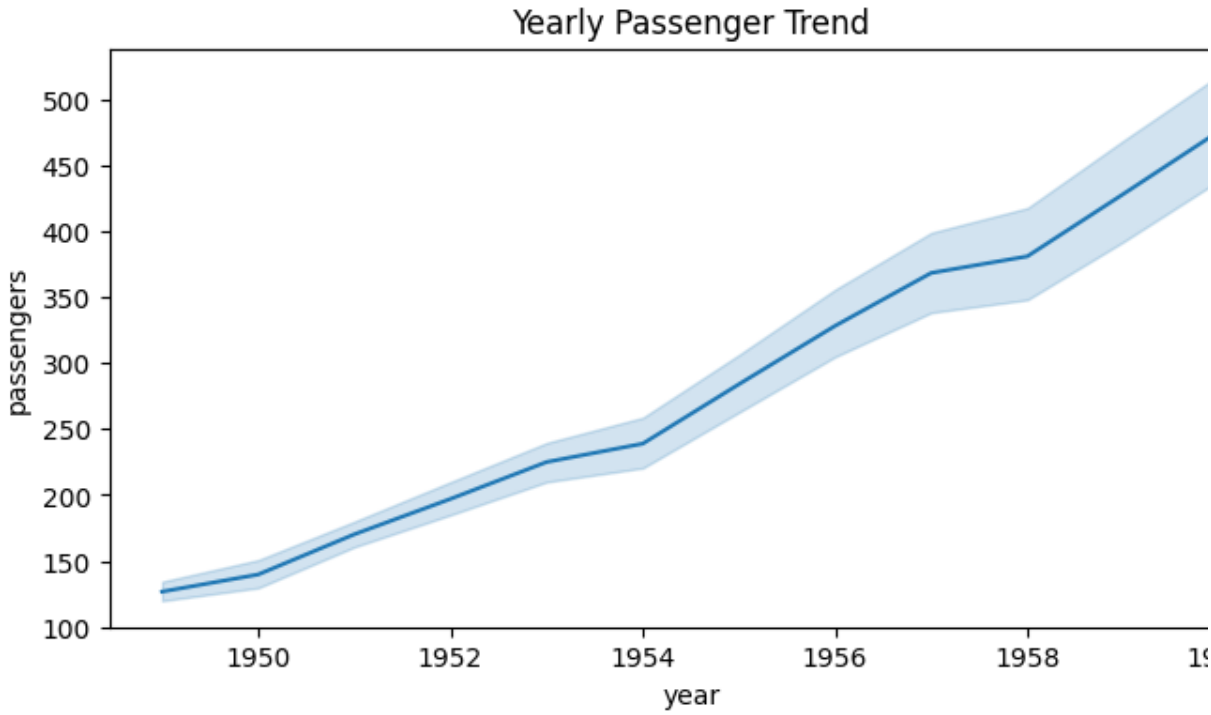
Out[1]:

	year	month	passengers
0	1949	Jan	112
1	1949	Feb	118
2	1949	Mar	132
3	1949	Apr	129
4	1949	May	121

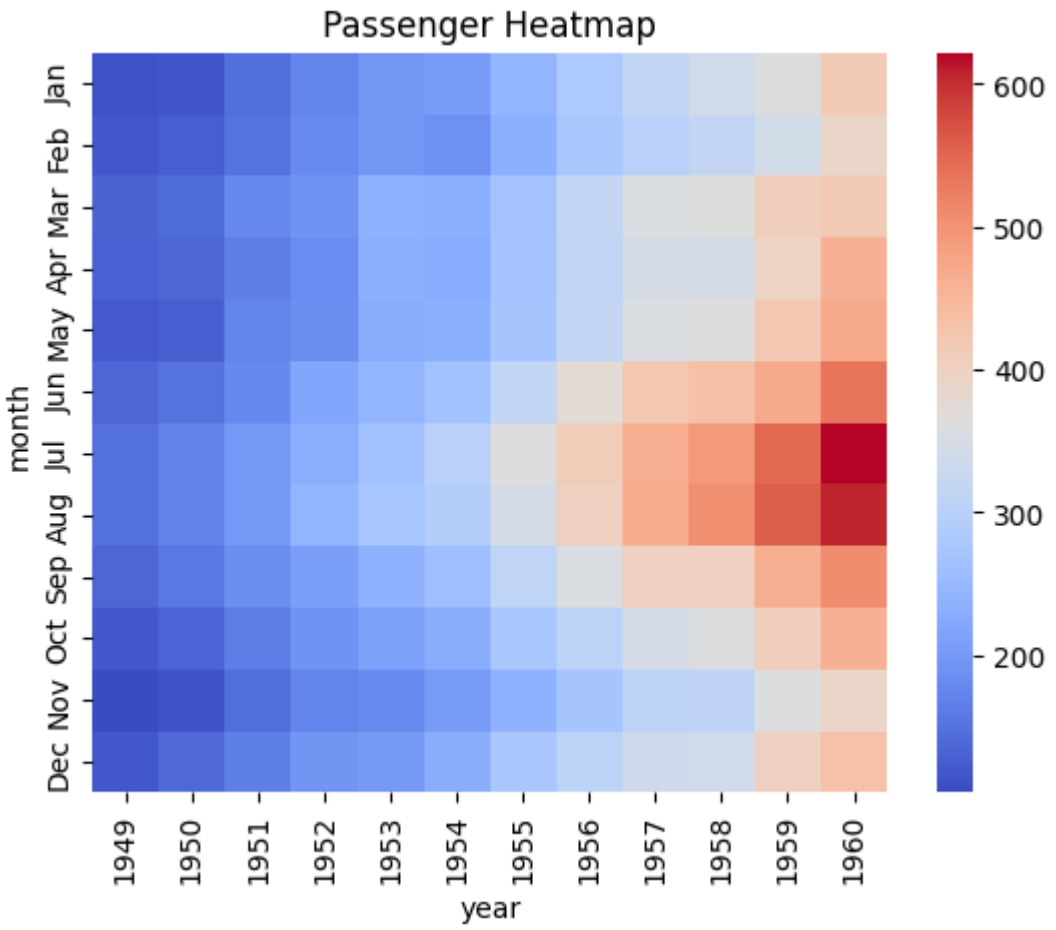
In [2]:
```
plt.figure(figsize=(8,4))
sns.lineplot(data=df, x="month", y="passengers")
plt.title("Monthly Passenger Trend")
plt.show()
```



In [3]:
```
plt.figure(figsize=(8,4))
sns.lineplot(data=df, x="year", y="passengers")
plt.title("Yearly Passenger Trend")
plt.show()
```



In [4]:
```
pivot = df.pivot(index="month", columns="year", values="passengers")
sns.heatmap(pivot, cmap="coolwarm")
plt.title("Passenger Heatmap")
plt.show()
```



Insights

- Passenger count increases over the years.

- Certain months show higher travel demand.
- Clear seasonal trends are visible.

Conclusion

This analysis helps understand monthly and yearly trends using visual dashboards.