practical-8-dsbda
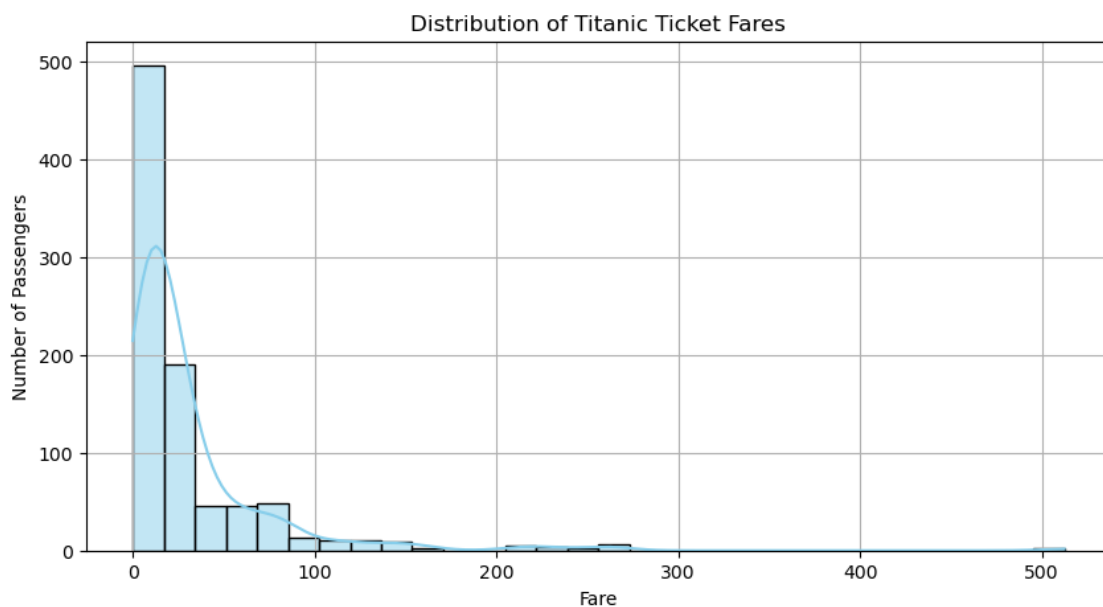
May 4, 2025

```python
[ ]: #practical 8
     import pandas as pd
     import numpy as np
     import matplotlib.pyplot as plt
     import seaborn as sns
```

```python
[7]: titanic = pd.read_csv("Titanic1.csv")
     titanic.columns
```

```
[7]: Index(['sex', 'age', 'sibsp', 'parch', 'fare', 'embarked', 'class', 'who',
            'alone', 'survived'],
           dtype='object')
```

```python
[9]: plt.figure(figsize=(10,5))
     sns.histplot(titanic['fare'],kde=True,bins=30,color='skyblue')
     plt.title("Distribution of Titanic Ticket Fares")
     plt.xlabel("Fare")
     plt.ylabel("Number of Passengers")
     plt.grid(True)
     plt.show()
```

[ ]: