



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

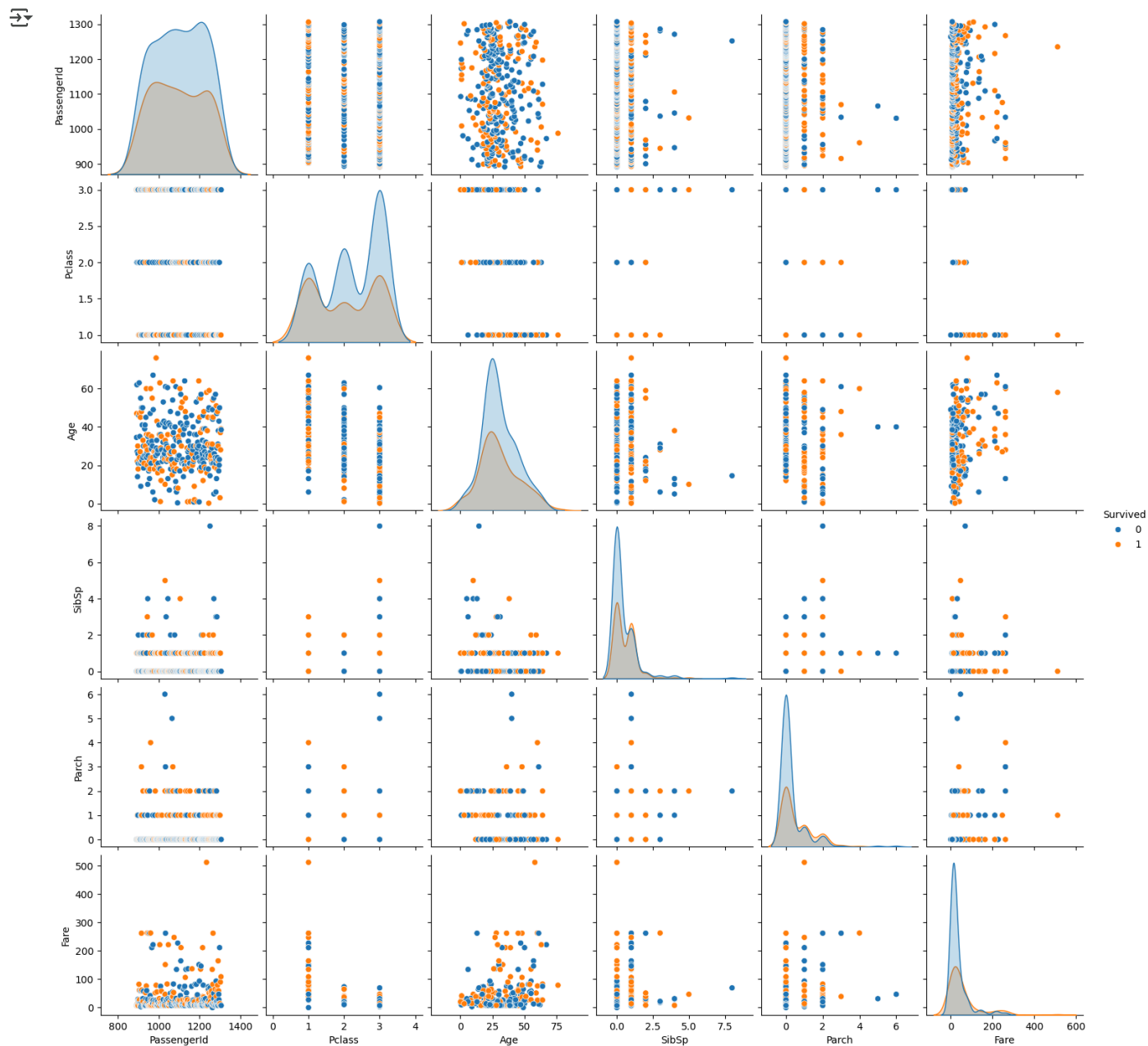
```
df = pd.read_csv('/content/Titanic.csv')
df
```

	PassengerId	Survived	Pclass	Name	Sex	Age	SibSp	Parch	Ticket	Fare	Cabin	Embarked	
0	892	0	3	Kelly, Mr. James	male	34.5	0	0	330911	7.8292	NaN	Q	
1	893	1	3	Wilkes, Mrs. James (Ellen Needs)	female	47.0	1	0	363272	7.0000	NaN	S	
2	894	0	2	Myles, Mr. Thomas Francis	male	62.0	0	0	240276	9.6875	NaN	Q	
3	895	0	3	Wirz, Mr. Albert	male	27.0	0	0	315154	8.6625	NaN	S	
4	896	1	3	Hirvonen, Mrs. Alexander (Helga E Lindqvist)	female	22.0	1	1	3101298	12.2875	NaN	S	
...	
413	1305	0	3	Spector, Mr. Woolf	male	NaN	0	0	A.5. 3236	8.0500	NaN	S	
414	1306	1	1	Oliva y Ocana, Dona. Fermina	female	39.0	0	0	PC 17758	108.9000	C105	C	
415	1307	0	3	Saether, Mr. Simon Sivertsen	male	38.5	0	0	SOTON/O.Q. 3101262	7.2500	NaN	S	

Next steps:

[Generate code with df](#)[View recommended plots](#)[New interactive sheet](#)

```
sns.pairplot(df, hue='Survived')
plt.show()
```



```
plt.figure(figsize=(10,6))
sns.histplot(df['Fare'], bins=30, kde=True, color='blue')
plt.title("Distribution of Ticket Prices (Fare)")
```