

```
In [3]: import pandas as pd
train = pd.read_csv("train.csv")
train.head()
```

```
Out[3]:
```

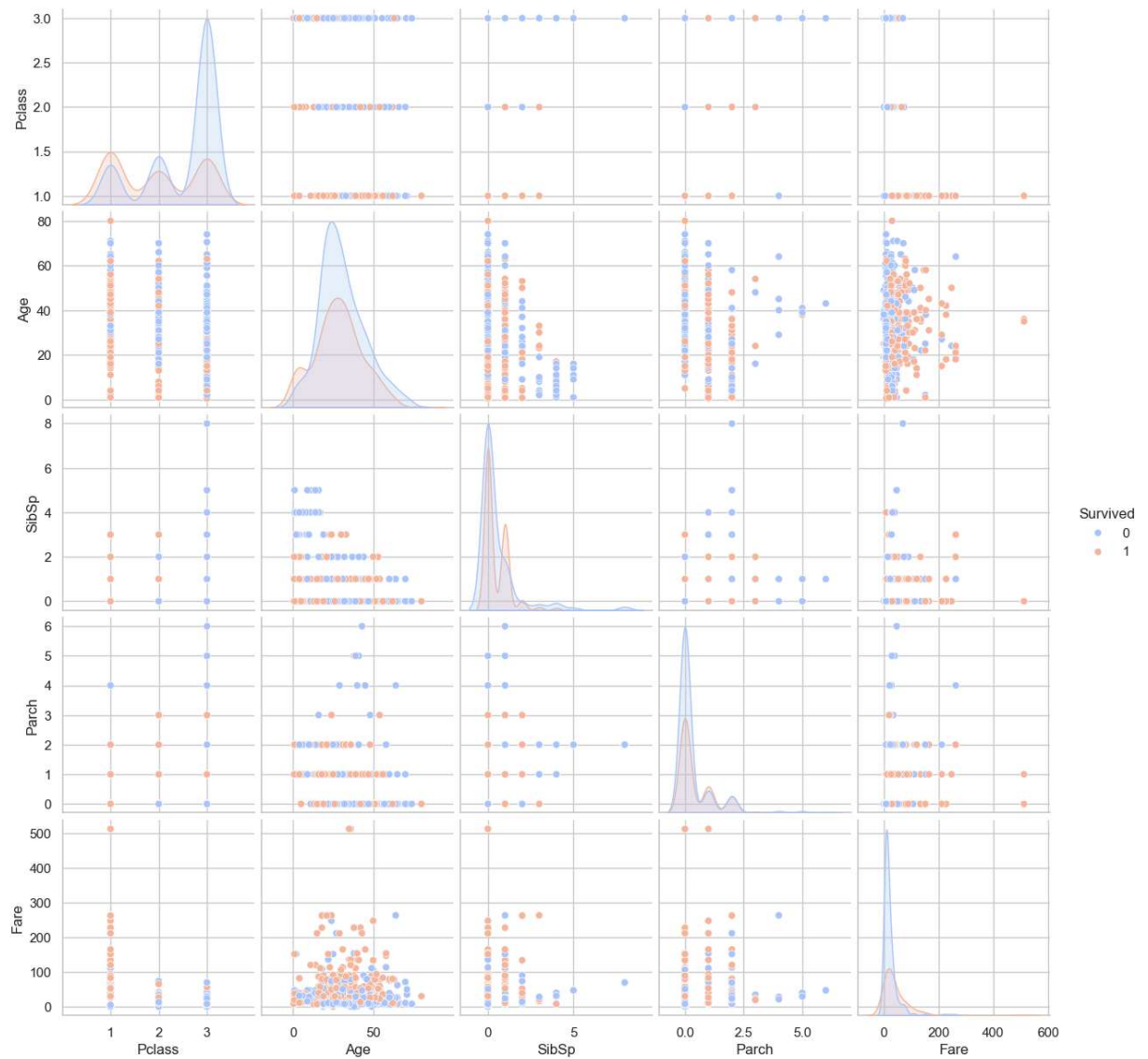
	PassengerId	Survived	Pclass	Name	Sex	Age	SibSp	Parch	Ticket	Fare
0	1	0	3	Braund, Mr. Owen Harris	male	22.0	1	0	A/5 21171	7.2500
1	2	1	1	Cumings, Mrs. John Bradley (Florence Briggs Th...	female	38.0	1	0	PC 17599	71.2833
2	3	1	3	Heikkinen, Miss. Laina	female	26.0	0	0	STON/O2. 3101282	7.9250
3	4	1	1	Futrelle, Mrs. Jacques Heath (Lily May Peel)	female	35.0	1	0	113803	53.1000
4	5	0	3	Allen, Mr. William Henry	male	35.0	0	0	373450	8.0500

```
In [4]: import seaborn as sns
import matplotlib.pyplot as plt

sns.set(style="whitegrid")

sns.pairplot(train[['Survived', 'Pclass', 'Age', 'SibSp', 'Parch', 'Fare']],
             hue='Survived',
             palette='coolwarm',
             diag_kind='kde')

plt.show()
```



```
In [6]: corr = train.corr(numeric_only=True)
```

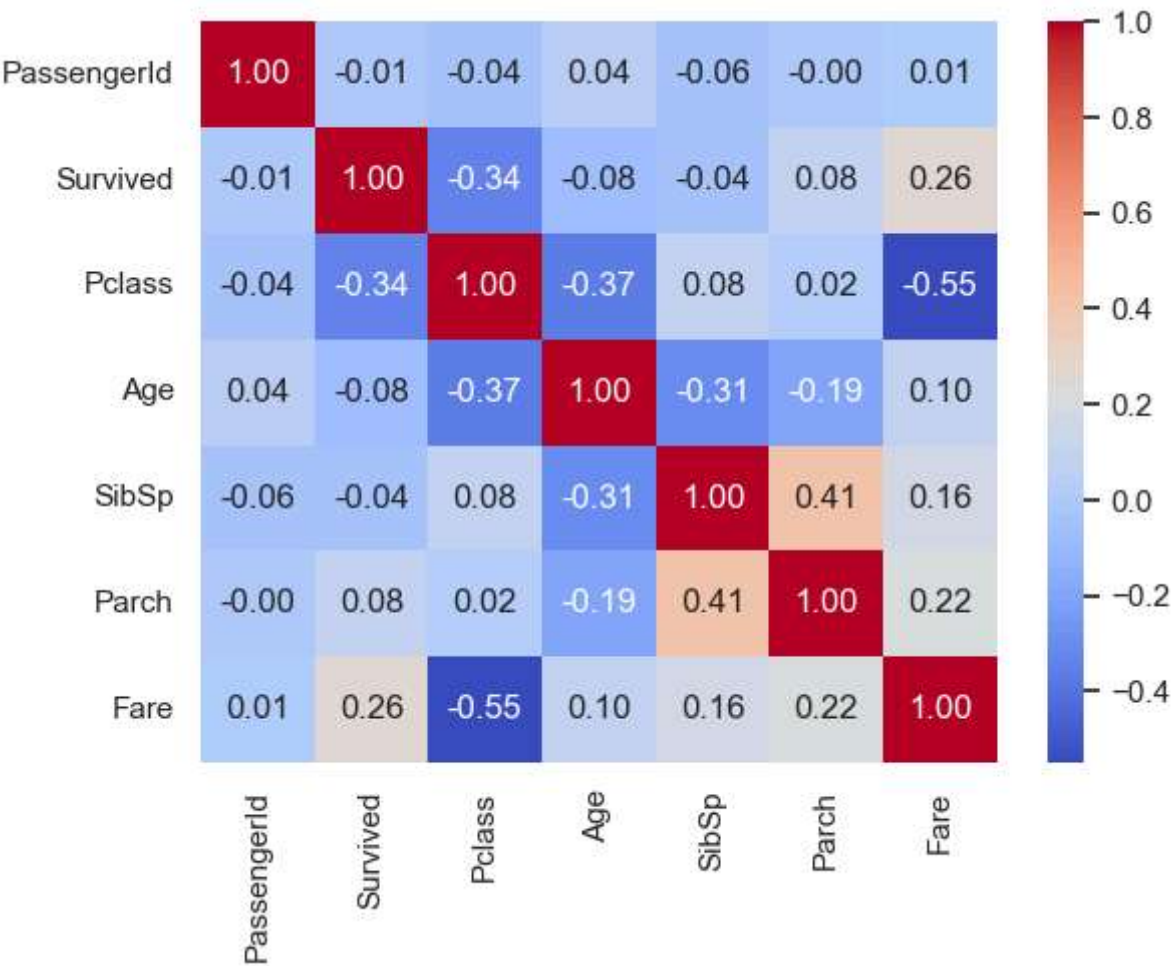
```
In [7]: plt.figure(figsize=(10,6))
```

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Out[7]: <Figure size 1000x600 with 0 Axes>
```

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<Figure size 1000x600 with 0 Axes>
```

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In [8]: sns.heatmap(corr, annot=True, cmap='coolwarm', fmt=".2f")
```

```
Out[8]: <Axes: >
```



In []: