

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

```
# Assuming the file is named '/content/archive (2).zip'
df = pd.read_csv('/content/Titanic-Dataset.csv')
df.head()
```

	PassengerId	Survived	Pclass	Name	Sex	Age	SibSp	Parch	Ticket	Fare	Cabin	Embarked
0	1	0	3	Braund, Mr. Owen Harris	male	22.0	1	0	A/5 21171	7.2500	NaN	S
1	2	1	1	Cumings, Mrs. John Bradley (Florence Briggs Th...	female	38.0	1	0	PC 17599	71.2833	C85	C
2	3	1	3	Heikkinen, Miss. Laina	female	26.0	0	0	STON/O2. 3101282	7.9250	NaN	S
3	4	1	1	Futrelle, Mrs. Jacques Heath (Lily May Peel)	female	35.0	1	0	113803	53.1000	C123	S

Next steps:

Generate code with df

View recommended plots

New interactive sheet

```
df.info()
df.describe()
```

<class 'pandas.core.frame.DataFrame'>  
RangeIndex: 891 entries, 0 to 890  
Data columns (total 12 columns):  
# Column Non-Null Count Dtype  
---  
0 PassengerId 891 non-null int64  
1 Survived 891 non-null int64  
2 Pclass 891 non-null int64  
3 Name 891 non-null object  
4 Sex 891 non-null object  
5 Age 714 non-null float64  
6 SibSp 891 non-null int64  
7 Parch 891 non-null int64  
8 Ticket 891 non-null object  
9 Fare 891 non-null float64  
10 Cabin 204 non-null object  
11 Embarked 889 non-null object  
dtypes: float64(2), int64(5), object(5)  
memory usage: 83.7+ KB

	PassengerId	Survived	Pclass	Age	SibSp	Parch	Fare
count	891.000000	891.000000	891.000000	714.000000	891.000000	891.000000	891.000000
mean	446.000000	0.383838	2.308642	29.699118	0.523008	0.381594	32.204208
std	257.353842	0.486592	0.836071	14.526497	1.102743	0.806057	49.693429
min	1.000000	0.000000	1.000000	0.420000	0.000000	0.000000	0.000000
25%	223.500000	0.000000	2.000000	20.125000	0.000000	0.000000	7.910400
50%	446.000000	0.000000	3.000000	28.000000	0.000000	0.000000	14.454200
75%	668.500000	1.000000	3.000000	38.000000	1.000000	0.000000	31.000000
max	891.000000	1.000000	3.000000	80.000000	8.000000	6.000000	512.329200

Generate

print hello world using rot13

Close

What can I help you build?

```
sns.countplot(data=df, x=
plt.title('Survival Counts')
plt.show()
```

