<https://www.kaggle.com/c/titanic/data>

import pandas as pd

**train=pd.read\_csv('../input/train.csv')**

**test=pd.read\_csv('../input/test.csv')**

**train.head()**

**train.shape**

**train.info()**

**train.isnull().sum()**

**import matplotlib.pyplot as plt**

**%matplotlib inline**

**import seaborn as sns**

**sns.set()**

**def bar\_chart(feature):**

**survived = train[train['Survived']==1][feature].value\_counts()**

**dead = train[train['Survived']==0][feature].value\_counts()**

**df=pd.DataFrame([survived,dead])**

**df.index=['Survived','Dead']**

**df.plot(kind='bar',stacked=True,figsize=(10,5))**

**bar\_chart('Sex')**

**//The women more likely survived than men**

**bar\_chart('Pclass')**

**//the chart confirm that 1st class more likely survived than other class**

**// the chart confirm that 3rd  class more likely dead than other class**

**bar\_chart('SibSp')**

**// the chart confirm a person aboded with more than 2 siblings or spouse more likely survived**

**// the chart confirm a person aboded without siblings or spouse more likely dead**

**bar\_chart('Parch')**

**// the chart confirm a person aboded with more than 2 parents or children more likely survived**

**// the chart confirm a person aboded alone more likely dead**

**bar\_chart('Embarked')**

**// The chart confirms a person C slightly more likely survived**

**// The chart confirms a person Q more likely dead**

**// The chart confirms a person S more likely dead**