1. Count plot

sns.countplot(train\_df['Pclass'], hue=train['Survived'])

1. Bar plot

sns.barplot(x="Embarked", y="Survived", hue="Sex", data=train\_df);

1. Histogram:

grid = sns.FacetGrid(train\_df, col='Survived')

grid.map(plt.hist, 'Age', bins=20)

train['log\_trip\_duration'] = np.log(train['trip\_duration'].values + 1)

plt.hist(train\_df['log\_trip\_duration'], bins=100)

1. Scatter plot:

plt.scatter(train\_df['longitude'], train\_df['latitude'], color='blue', s=1, alpha=0.1)

plt.plot(

1. Point plot:

sns.pointplot(x="Pclass", y="Survived", hue="Sex", data=train\_df, palette={"male": "blue", "female": "yellow"}, markers=["\*", "o"], linestyles=["-", "--"]);

Subplot:

fig,ax = plt.subplots(ncols=2, sharex=True, sharey=True, figsize=(10,6))

ax[0].scatter(train\_df['longitude'], train\_df['latitude'], color='blue',s=1,label='train', alpha=0.1)

ax[1].scatter(test\_df['longitude'], test\_df['latitude'], color='green', s=1, label='test', alpha=0.1)

ax[0].set\_xlabel('longitude')

ax[0].legend(loc=0) -> 图例label设置在上面

plt.xlim(-74.03, -73.75)