Cheatography

Seaborn Cheat Sheet

by Molly_6075 via cheatography.com/193986/cs/40408/

Seaborn

import seaborn as sns	导入seaborn包
sns.barplot(data=df, y="Column1", x="Column2")	柱状图

Correlation between columns

sns.pairplot(df.loc[:,["C1", "C2", "C3", "C4"]])	绘制c1-c4列两两之间相关关系的散点图，对角线为单独数据列的直方图
sns.heatmap(dataframe,annot=True, cmap="YlGnBu")	热图用颜色的深浅表示变量之间的-相关关系，只能处理dataframe类型数据，annot将数字显示，cmap控制颜色
sns.heatmap(pd.DataFrame-(df.groupby('month').AbsenceHours.sum()),annot=True,cmap="Greens")	例子
sns.heatmap(df.corr( ), cmap="Blues")	用热图绘制相关关系矩阵，呈现df中所有列两两之间相关关系

Basic plot

sns.boxplot(data=df, x="Period", y="Revenue")	箱线图
sns.barplot(x = "col1", y = "col2", data=df, ci = None)	柱状图并remove the line
sns.kdeplot(df.Col1)	核密度估计图
sns.violinplot(data=df, y="Col2", x="Col1")	小提琴图
sns.scatterplot(x=df.Col1, y=df.Col2)	散点图
sns.barplot(data=df.groupby('Col1').Col2.mean(), x = "Col1", y ='Col2')	分组统计均值后绘制柱状图
sns.pairplot(df.loc[:,["Col1", "Col2", "Col3", "Col-4"]])	两两之间的相关关系图
sns.heatmap(pd.DataFrame(df.groupby('month').Col1.sum()),annot=True,cmap="Greens")	分组求和绘制热力图
sns.heatmap(df[quan_var].corr(), cmap="Blues")	数值型变量相关关系的热力图
sns.heatmap(df.loc[:, ["col1", "col2","col3"]].corr(), annot=True)	

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