```
import seaborn as sns
import matplotlib.pyplot as plt
Scatter Plots
plt.figure(figsize=(12,8))
sns.scatterplot(x='salary',y='sales',data=df,style='level of
education',hue='level of education',s=100,palette='viridis',)
# Call savefig in the same cell
plt.savefig('example_scatter.jpg')
Distributions Plots
sns.set(style='darkgrid')
sns.displot(data=df,x='salary',bins=20,kde=True,color='red',
edgecolor='black',lw=4,ls='--')
sns.kdeplot(data=sample_ages,x='age',bw_adjust=0.5,shade=True,color='red')
Countplot
plt.figure(figsize=(10,4),dpi=200)
sns.countplot(x='level of education',data=df,hue='training
level',palette='Set1')
Barplot
plt.figure(figsize=(12,6),dpi=100)
sns.barplot(x='level of
education',y='salary',data=df,estimator=np.mean,ci='sd',hue='division')
plt.legend(bbox_to_anchor=(1.05, 1))
Boxplot
plt.figure(figsize=(12,6))
sns.boxplot(x='parental level of education',y='math
score',data=df,hue='gender',orient='h',width=0.3)
# Optional move the legend outside
plt.legend(bbox_to_anchor=(1.05, 1), loc=2, borderaxespad=0.)
Joinplot
sns.jointplot(x='math score',y='reading score',data=df)
Pairplot
sns.pairplot(df)
sns.pairplot(df,hue='gender',palette='viridis')
Cat Plot
# Kind Options are: “point”, “bar”, “strip”, “swarm”, “box”, “violin”, or
“boxen”
sns.catplot(x='gender',y='math score',data=df,kind='box')
sns.catplot(x='gender',y='math score',data=df,kind='box',row='lunch')
sns.catplot(x='gender',y='math
score',data=df,kind='box',row='lunch',col='test preparation course')
Heatmap
sns.heatmap(df,linewidth=0.5,annot=True,cmap='viridis')
```