tips = sns.load\_dataset("tips") **kaggle.com TIPS DataSET**

sns.catplot(x="day", y="total\_bill", data=tips);

sns.catplot(x="day", y="total\_bill", jitter=**False**, data=tips);

sns.catplot(x="day", y="total\_bill", kind="swarm", data=tips);

sns.catplot(x="day", y="total\_bill", kind="swarm", hue="sex", data=tips);

sns.catplot(x="size", y="total\_bill", kind="swarm", data=tips.query("size != 3"));

sns.catplot(x="smoker", y="tip", order=["No", "Yes"], data=tips);

sns.catplot(x="total\_bill", y="day", kind="swarm", hue="time", data=tips);

sns.catplot(x="day", y="total\_bill", kind="box", data=tips);

sns.catplot(x="day", y="total\_bill", kind="box", hue="smoker", data=tips);

diamonds = sns.load\_dataset("diamonds")

sns.catplot(x="color", y="price", kind="boxen", data=diamonds.sort\_values("color"));

sns.catplot(x="day", y="total\_bill", kind="violin",hue="sex", split=**True**, data=tips);

g = sns.catplot(x="day", y="total\_bill", kind="violin", inner=**None**, data=tips)

sns.swarmplot(x="day", y="total\_bill", color="k", size=3, data=tips, ax=g.ax);

titanic = sns.load\_dataset("titanic")

sns.catplot(x="sex", y="survived", kind="bar", hue="class", data=titanic);

sns.catplot(x="deck", kind="count", palette="ch:.25", data=titanic);

sns.catplot(y="deck",kind="count",hue="class",palette="pastel",edgecolor=".6",data=titanic);

sns.catplot(x="sex", y="survived", kind="point", hue="class", data=titanic);

sns.catplot(x="class", y="survived", hue="sex",palette={"male": "g", "female": "m"},

markers=["^", "o"], linestyles=["-", "--"],

kind="point", data=titanic);

iris = sns.load\_dataset("iris")

sns.catplot(data=iris, orient="h", kind="box");

sns.catplot(x="day", y="total\_bill", kind="swarm",hue="smoker",col="time", aspect=.6, data=tips);

g = sns.catplot(x="fare", y="survived", row="class",

kind="box", orient="h", height=1.5, aspect=4,

data=titanic.query("fare > 0"))

g.set(xscale="log");

Source : <https://seaborn.pydata.org/tutorial/categorical.html>