﻿

﻿sns.countplot(bills['Year']).set\_title("Count of Bills per year")



﻿sns.boxplot(bills['Type'], bills['Value']).set\_title("Value of bills per Type")



﻿my\_colors = list(islice(cycle(['b', 'r', 'g', 'y', 'k','m','c']), None, len(bills['Value'])))

p1=bills.groupby("Company").Value.mean().sort\_values(ascending=False)[:5].plot.bar(color=my\_colors).set\_title("mean value of bills for top 5 companies")



﻿p2 = bills['Company'].value\_counts().plot.barh(color=my\_colors).set\_title("Count of bills per Company")



﻿p3=bills.groupby(["Company","Type"]).Value.sum().sort\_values(ascending=False)[:50].plot.bar(color=my\_colors).set\_title("sum value of bills for each company/type")



﻿sns.distplot(bills['Value'], bins=10).set\_title("Distribution of Bills Values")



﻿g = sns.catplot(x="Month", hue="Year", col="Type",

data=bills[bills['Month'] == 11], kind="count",

height=4, aspect=.7)



﻿ax = sns.countplot(x="Company", data=bills,

facecolor=(0, 0, 0, 0),

linewidth=5,

edgecolor=sns.color\_palette("dark", 10))

ax.set\_xticklabels(ax.get\_xticklabels(), rotation=45)



﻿ax = sns.countplot(y="Year", hue="Type", data=bills).set\_title("Count of deb and Cred bills per year.")

