import pandas as pd

df = pd.read\_csv

type(df)

pd.set\_option("display.max.columns", None)

df.head()

%matplotlib inline

df.plot(x="Rank", y=["P25th", "Median", "P75th"])

import matplotlib.pyplot as plt

plt.plot(df["Rank"], df["P75th"])

df.plot(x="Rank", y="P75th")

median\_column = df["Median"]

type(median\_column)

median\_column.plot(kind="hist")

top\_5 = df.sort\_values(by="Median", ascending=False).head()

top\_5.plot(x="Major", y="Median", kind="bar", rot=5, fontsize=4)

top\_medians = df[df["Median"] > 60000].sort\_values("Median")

top\_medians.plot(x="Major", y=["P25th", "Median", "P75th"], kind="bar")

df.plot(x="Median", y="Unemployment\_rate", kind="scatter")

cat\_totals = df.groupby("Major\_category")["Total"].sum().sort\_values()

cat\_totals

small\_cat\_totals = cat\_totals[cat\_totals < 100\_000]

big\_cat\_totals = cat\_totals[cat\_totals > 100\_000]

small\_sums = pd.Series([small\_cat\_totals.sum()], index=["Other"])

big\_cat\_totals = big\_cat\_totals.append(small\_sums)

big\_cat\_totals.plot(kind="pie", label="")