

ROLDEE OF DELFA

































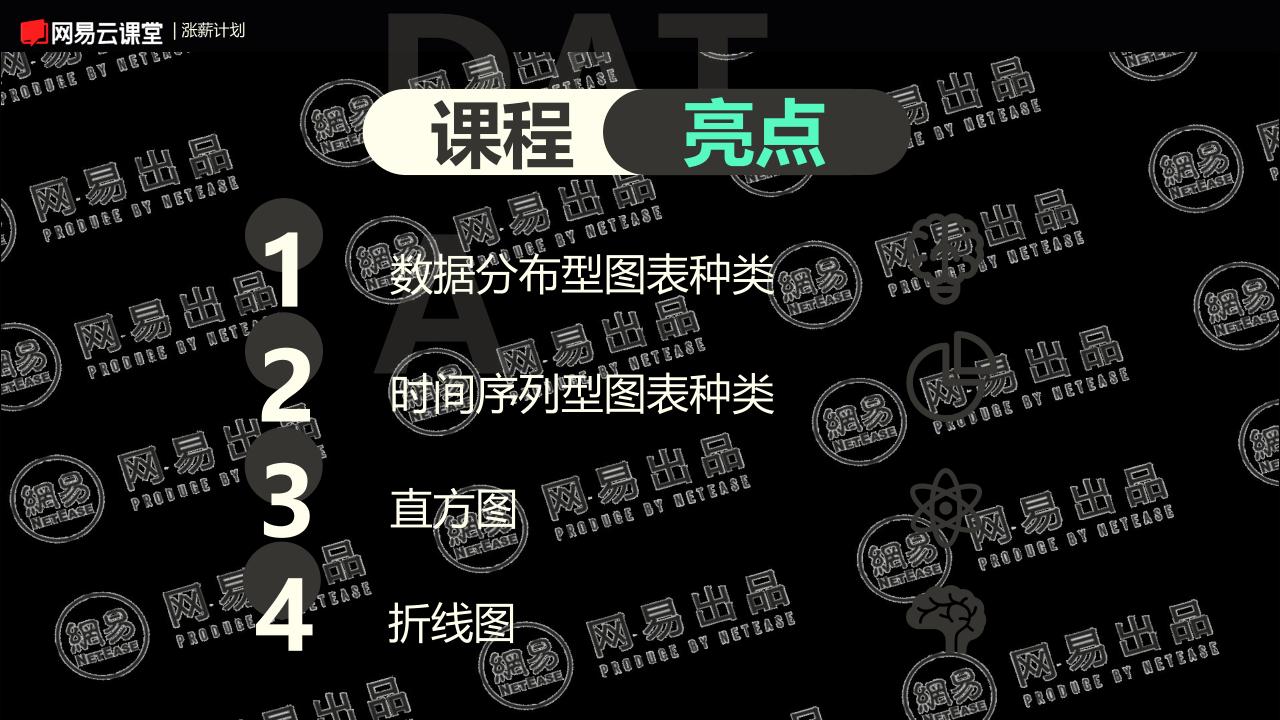














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PRODUCE BY DETENSE



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BUGDUES BY DELEVSE



PREDUBE BY DETERS!









PROTUGE BY DELEUSE



BENDUGE DA DELEVSE



BROUDEE BY DELEUSE

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BUDDEE OF DELEUSE



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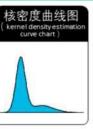
PRODUCE DY DETENSE



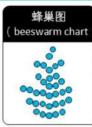
数据分布型图表主要显示数据集中的数值及其出现的频率或者分布规律

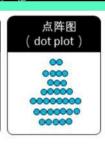




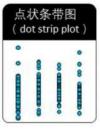


箱形图

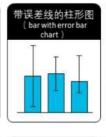


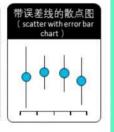


METERSE







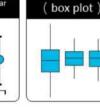


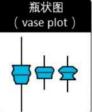
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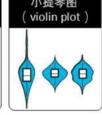


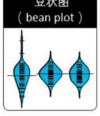




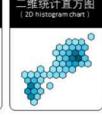


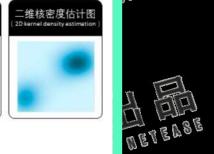






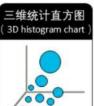


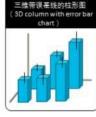


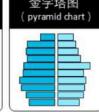


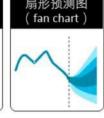


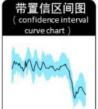














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BUGDUES BY DELEVSE















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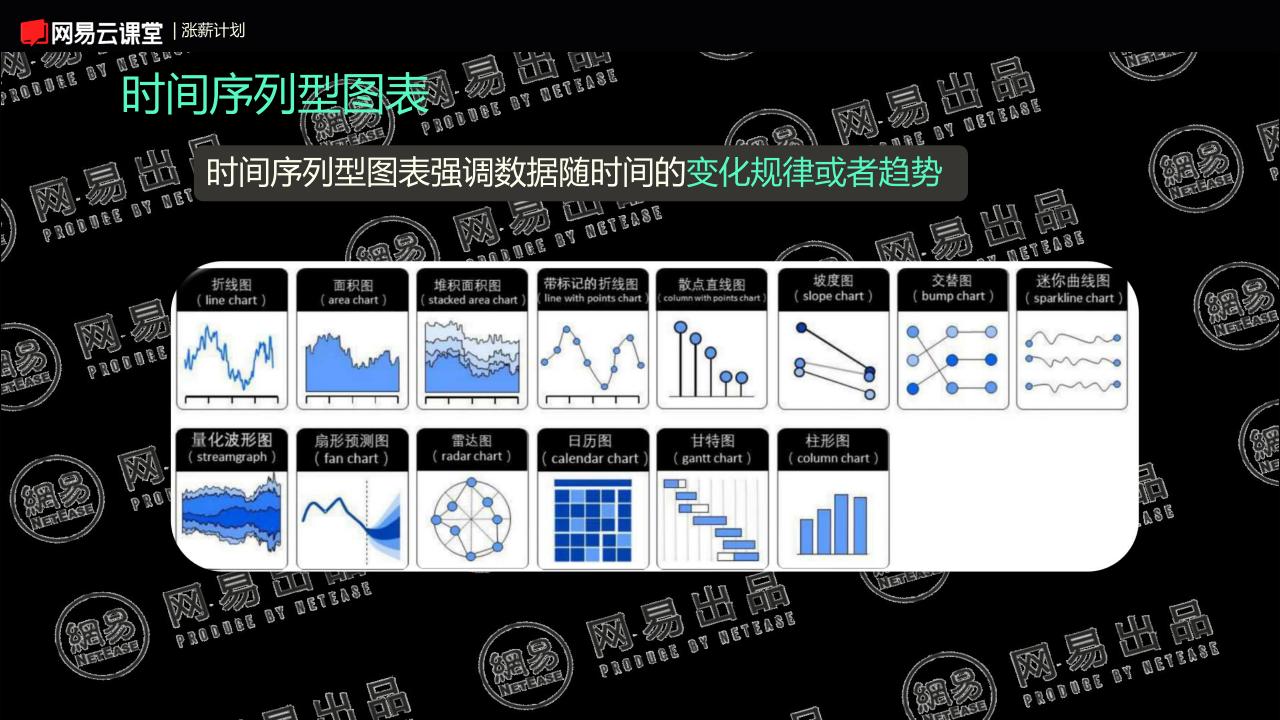


BUGDOES OF DELEUSE



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PROTUGE BY DETEASE



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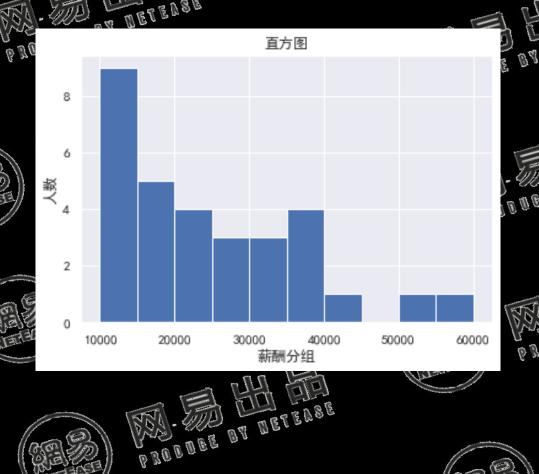
PRODUCE BY DEFEASE

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BODDEE DA WELFIN









import pandas as pd import matplotlib.pyplot as plt import seaborn as sns import numpy as np

plt.rcParams['font.sans-serif'] = ['SimHei'] plt.rcParams['axes.unicode minus'] = False sns.set(font='SimHei')

#2、数据导入,3作图数据

salary = [8500, 13300, 22700, 15600, 16700, 35400, 23100, 23500, 17600, 32800, 38700, 43200, 55400,13200, 25300,11000,23000,12000,25000,25000,33000,31000,36000,37000, 52000,13000,13000,15000,11000,11000,17000,12000] group = [10000, 15000, 20000, 25000, 30000, 35000, 40000, 45000, 50000, 55000, 60000]

PRODUCE BY WEFEASE

#4、选择可视化的图表类型并实现

plt.hist(salary, group, histtype='bar', rwidth=1)

#5、图例注释等装饰

plt.xlabel('薪酬分组') plt.ylabel('人数') plt.title(u'直方图') plt.show()

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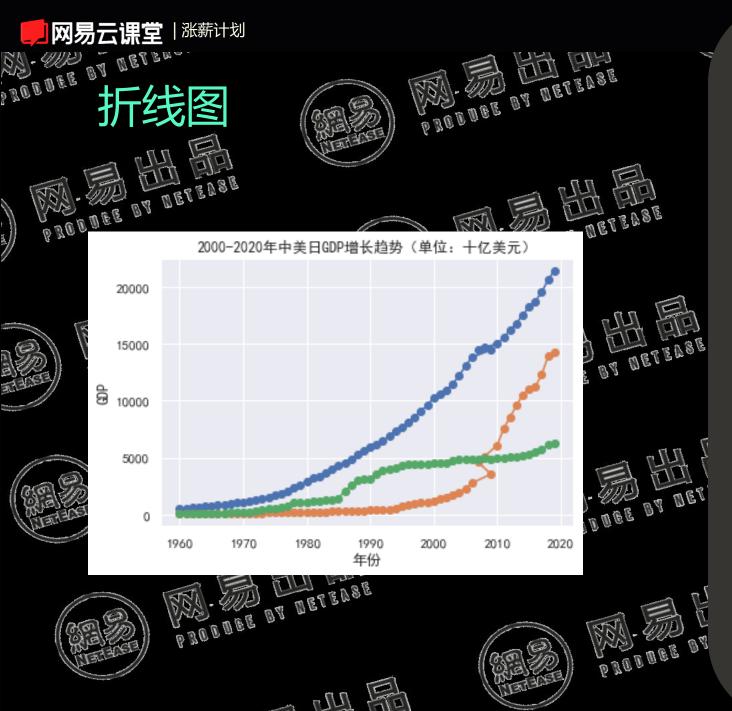


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PRODUCE BY DEFEOSE

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#1、导入可视化库,并设置中文字体

import pandas as pd import matplotlib.pyplot as plt import seaborn as sns

plt.rcParams['font.sans-serif'] = ['SimHei']
plt.rcParams['axes.unicode_minus'] = False
sns.set(font='SimHei')

#2、数据导入, 3作图数据

df=pd.read_csv('/Users/samuelzhan/Downloads/1960 -2020年全球各国GDP(清洗版).csv')
df.set_index('序列')
df=df.loc[:,['序列','国家/地区','所在洲','Year','GDP(十亿美元)']]
df['Year'] = pd.to_datetime(df['Year'])
df1=df[((df['国家/地区']=='美国')|(df['国家/地区']=='中国')|(df['国家/地区']=='日本'))]
year=df1["Year"].unique()

#4、选择可视化的图表类型并实现

plt.plot(year,df1[df1['国家/地区']=='美国']['GDP(十亿美元)'],marker='o') plt.plot(year,df1[df1['国家/地区']=='中国']['GDP(十亿美元)'],marker='o')

#5、图例注释等装饰

plt.title('2000-2020年中美日GDP增长趋势(单位:十亿美元)') plt.xlabel('年份') plt.ylabel('GDP') plt.figure() plt.show()

