茅四周

sklearn. #2# (4a)
from sklearn import datasets
ivis = datasets.load_ivisl)
x, y = ivis data, ivistarget.
ivis.feature_names

f= pd. road_csv('···csv')

df['xxx'] → 取xxx 3:]

df[1:3] → tP 片取 第三行

df.columns=['star8'; '...;...']

→ のまたよく.

df.loc[1:3, ['stor']] → 鬼方特定行。3:1.

of group by ('start'). sun()

祖建新3:

3tor_to_nlunber= {

'お帯': 5,

· · · }

of['now dr']=of['star'].map(starto-number) off[off['new_star'] >=3] つ病选申评以上

Pandas Series: (31) linder to value) b 1 Parta Frame: (349 33.)) | index 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | C | 2 | 2

pd. Series (['a', 'b', 'c'])

S=Pol. Series (['a',1,'b',2])

S=pol. Series ([...], index = [...])

S. index S. values . tolist()

Rithemail
emails = pd.Series(['abc at anazom.com', 'admin[0]63.com', 'mat@m.at', 'ab@abc.com'])
import re
pattern = [|A.Za-z0-9_,] + g|A.Za-z0-9_,] + \\ [A.Za-z](2,5)'
mask = emails.map(lambda x: bool(re.match(pattern, x)))
emails.mask)

Of = pd. Parta Framo([['a',b'],

olf.columns = ['...,'..'] ['c','d']])

olf.index = ['...','...')

今何され行る一計

pol. real_cxel(r'1.x(ex')

real_cxel(r'1.x(ex')

pol. real_cxv(r'...exv', sep='', nrms=10,

read_table(r'...txt', sep='')

sgl = 'SGLECT & FROM mytable'
conn = pymysgl.commet ('ip', hane', pass', obname',
pd. road_sgl (sql, conn) 'chreet') Exul. head (3) · Shape info () . desoribe () 和根据处理 (46) Series: X. hasnoms > 本版有着生物。 X. fillna (value = X. mean ()) DotaFrame: of. isnul(). sum() ·ff:ll() -> 用上-行城九 ·ff:ll(axis=1)-風上-引城か

君族 df['c']. replace(4, 40) df. replace (np. NaN, o) df. replace ([4, 1,8], 1000) - peplace ({4; 400, 5: 500})

top 1/3 of sort values by=['AI], ascending = False) · sort_values(by = ['A', 'C'], as cendig=[True, False] 叫图 of ohop (A', axis =1) > AHIA 3] · ohop (3, axis=0) 与那335 df=df[df['A'] <4] > A4](4:20名)

行引转置: of. T 选为是: 一角中 df.stack() df. un stack () 一百百百分中 of stack () reset index () → 姓氏安倍 रो देः of['A'] + of['c'] (对在无法试制 df['A']+5 df['A'] <df['c'] ('? tb jeiz False) df.sum()

取傷分組聚合. of group by ('type') groups for a, b in df. group by ('type'): print (a) print(b) of group by (type) count of group by ('type'). aggregatel agg() {'type': 'count',
'Teb': 'sum'}) of groupley ('group') agg ('mean') 会事な童と mean (). to_diot()

7.57 c transform (mean)



pol-pivot-tuble (data, value= 'salary', colums = 'groups', index = 'age'; aggfunc= count', margins = True # 数据透视表 - index() pd.pivot table(data, values='salary'. columns='aroup'. aggfunc='count',).reset_index() aggfunc='count',).reset_index() 44 1.0 10

多表拼接: Pd: merge (data !. data 2)
. merge (data !. data 2, on = 'group') (, , left-on="" right_on=(-, 1) how = sinner left right lowter pd. concat ([datal, data2]) 纵向拼接。 明有同样引动情况。

好发生: of to excel (encel_writer = r'f:le:xlsx') Sheet name= '...' index-talse. Columns=['--', '.-'] encoding = 'utf-8'. na_rep = 0 inf_rep=0 of. to-csv () of. to-pickle ('xx.pkl')

321 2 ; dutes= polielabe_range (20200101, porial=12) df=pol. DataFrame (nprandom randn(12,4), index=datos, columns=list('ABCD) matploitlib. pyplot as plt plt. plot (df, index, df['A']. ta 生态, (4 生态, Color=' # BBFFAA', Lin esbyle='--', line width=3, marker='D') plt. Show ()

import seaborn as sns.
plt. scatter (of, index, of ['A'])
sns. setstyle ('darkgrid') pbt.showi) jieba 3 is 5 技术是证了.

import jieba anglyse. jieba, analyse. extract tags (text,
topk=t, > f2 & tist file) hithWeight-True) 4-10F 英法· Gtop_words=y'zj/...trt'
jiebu.analyse.set-stop-words (stop words)
itextrank() 数于 Text Rank

user-dict : 3 nt jilha. Lood-userdict (userdict) jieba. add_nord (toliz tiz!)
del-nord (...) jieha. cut (HMM=False) Jieba. suguest_freg("好好, True) · guggest-freq(('b', '45'), True)

ShowNLP 特效场分析 from snownlp import SnowNLP

S= Snow NLP (text)

S. words > & vg. rti

list (s. tags) > iinthis is

s. sontinents > 4 1 5 1 5 1.

from snownlp import seg seg. train ('darba, txt') seg. bowe ('sey. norshal') S. Pinyin → 類 拼卷. S. han → 第 → 简体 S. keywords (limit=5)