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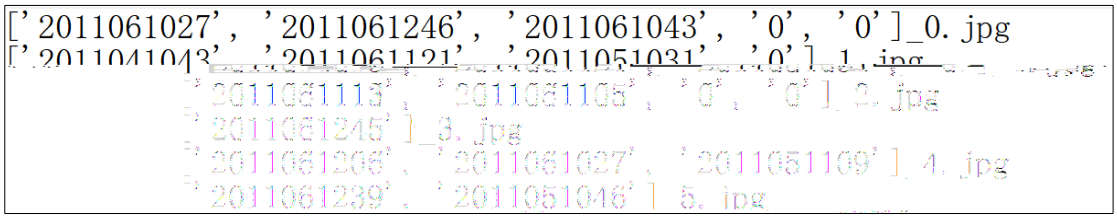
['2011061027', '2011061246', '2011061043', '0', '0']_0.jpg
['2011041043', '2011061121', '2011051031', '0', '0']_1.jpg
'2011061113', '2011061105', '0', '0']_2.jpg
'2011061245']_3.jpg
'2011061206', '2011061027', '2011051109']_4.jpg
'2011061239', '2011051046']_5.jpg

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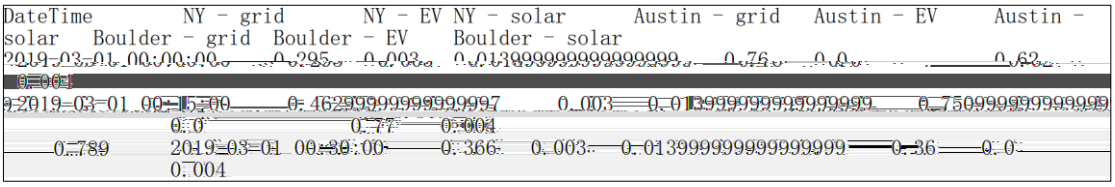
DateTime NY - grid NY - EV NY - solar Austin - grid Austin - EV Austin -
solar Boulder - grid Boulder - EV Boulder - solar
2019-03-01 00:00:00 0.295 0.003 0.013999999999999999 0.76 0.0 0.62
0.004
2019-03-01 00:15:00 0.46299999999999997 0.003 0.013999999999999999 0.75099999999999989
0.0 0.77 0.004
0.789 2019-03-01 00:30:00 0.366 0.003 0.013999999999999999 0.36 0.0
0.004

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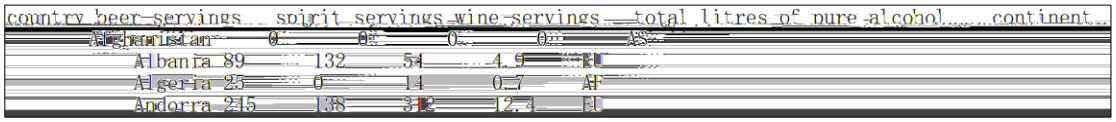
country beer_servings spirit_servings wine_servings total_litres_of_pure_alcohol continent
Afghanistan 0 0 0 0 AS
Albania 89 132 54 4.9 EU
Algeria 25 0 14 0.7 AF
Andorra 245 138 312 12.4 EU

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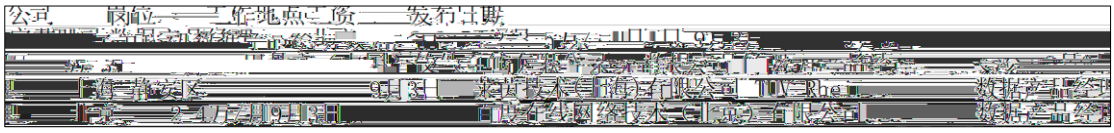

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ListingId		借款金额	借款期限	借款利率	借款成功日期	初始评级
126541	18000	12	18	2015/5/4	C	
133291	9453	12	20	2015/3/16	D	
142421	27000	24	20	2016/4/26	E	
149711	25000	12	18	2015/3/30	C	
152141	20000	6	16	2015/1/22	C	

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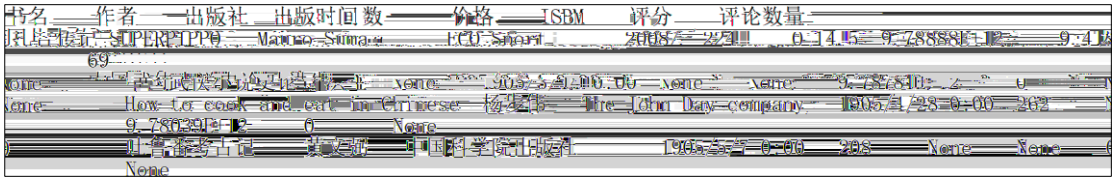

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城市	省份
七台河	黑龙江
三亚	海南
三明	福建
三门峡	河南
上海	上海
上饶	江西

c

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学校名称	录取批次
湘潭大学	本科一批
吉首大学	本科一批
湖南大学	本科一批
中南大学	本科一批

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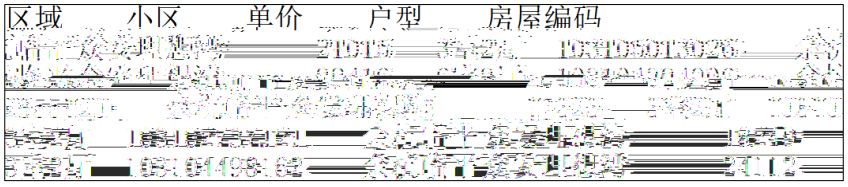

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Linux wget -P /opt/software http://datasrc.tipdm.net:81/Hunan/module2/2-1/jdk-8u151-linux-x64.rpm JDK jdk-8u151-linux-x64.rpm Linux 8 /opt/software i.32 841.92 reWnBT/F8 10.56 T

Linux wget -P /opt/software http://datasrc.tipdm.net:81/Hunan/module2/2-1/hadoop-2.6.4.tar.gz

Hadnux /opt/software

hadoop /usr/local

core-site.xml

/var/log/hadoop/tmp hadoop.tmp.dir value

hdfs://master:8020 fs.defaultFS value

hadoop-env.sh JAVA_HOME

cp mapred-site.xml.template mapred-site.xml

yarn mapreduce.framework.name value

yarn-site.xml ,

master yarn.resourcemanager.hostname value;

mapreduce_shuffle yarn.nodemanager.aux-services value

hdfs-site.xml

2 dfs.replication value

slaves slave1 slave2

iii. scp Hadoop

Hadoop

iv. /etc/profile JAVA_HOME HADOOP_HOME PATH source

v. NameNode

vi. Hadoop jps

vii.

i

ii

Linux initnetwork

Linux wget -P /course/Hive/data
http://datasrc.tipdm.net:81/Hunan/module2/2-3/business_circle.csv
business_circle.csv Linux /course/Hive/data
hive Hadoop MySQL
hive hive Linux
$HADOOP_HOME/sbin/start-all.sh hadoop
hadoop MySQL hive hive
hive

Hive

Linux initnetwork

Linux wget -P /course/Hive/data http://datasrc.tipdm.net:81/Hunan/module2/2-4/business_circle.csv business_circle.csv Linux /course/Hive/data

hive Hadoop MySQL

hive hive Linux

$HADOOP_HOME/sbin/start-all.sh hadoop

hadoop MySQL hive hive

hive

business_circle.csv

Hive

Linux initnetwork

Linux wget -P /course/Hive/data http://datasrc.tipdm.net:81/Hunan/module2/2-5/business_circle.csv business_circle.csv Linux /course/Hive/data

hive Hadoop MySQL

hive hive Linux

$HADOOP_HOME/sbin/start-all.sh hadoop

hadoop MySQL hive hive hive

business_circle.csv

Hive

http://datasrc.tipdm.net:81/Hunan/module2/2-7/student.csv student.csv Linux /course/Hive/data

hive Hadoop MySQL hive hive Linux $HADOOP_HOME/sbin/start-all.sh hadoop hadoop MySQL hive hive hive

Hive

Linux initnetwork

Linux wget -P /course/Hive/data http://datasrc.tipdm.net:81/Hunan/module2/2-8/emp.csv emp.csv Linux /course/Hive/data

hive Hadoop MySQL hive hive Linux $HADOOP_HOME/sbin/start-all.sh hadoop hadoop MySQL hive hive hive

Hive

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Linux initnetwork

Linux wget -P /course/Hive/data http://datasrc.tipdm.net:81/Hunan/module2/2-9/emp.csv emp.csv Linux /course/Hive/data

hive Hadoop MySQL

hive hive Linux $HADOOP_HOME/sbin/start-all.sh hadoop hadoop MySQL hive hive hive

Hive

Linux initnetwork

Linux wget -P /course/Hive/data http://datasrc.tipdm.net:81/Hunan/module2/2-11/business_circle.csv business_circle.csv Linux /course/Hive/data

hive Hadoop MySQL hive hive Linux $HADOOP_HOME/sbin/start-all.sh hadoop hadoop MySQL hive hive hive

business_circle.csv

Hive

etree

HTML

BeautifulSoup

BeautifulSoup BeautifulSoup

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http://tipdm.com/qyyy/index_1.jhtml

requests BeautifulSoup

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requests

BeautifulSoup BeautifulSoup

BeautifulSoup

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4 urls

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urls

4 urls

http://tipdm.com/xwzx/index_1.jhtml

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requests

BeautifulSoup BeautifulSoup

BeautifulSoup

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urls

4 urls

http://tipdm.com/xwzx/index_1.jhtml

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etree.HTML html

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表 4-2 HR_comma_sep.csv 字段说明

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cc_ SPcPba c _S\ Tc 7 P \ S T \ Tb b \ Tb b
a c _ cTa cT

表 4-3 movies.csv 字段说明

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Tc a c _ cTa cT
cc_ SPcPba c _S\ Tc 7 P \ S T \ \ P caPST bc a b
\ \ P caPST bc a b a c _ cTa cT

表 4-4 mum_baby_trade_history.csv 字段说明

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x
x
y

Tc a c _ cTa cT
cc_ SPcPba c _S\ Tc 7 P \ S T b b
a c _ cTa cT

(i) pandas matplotlib.pyplot
plt.rcParams[‘font.sans-serif’] = ‘WEnQuanYi Zen Hei’ plt.rcParams[‘font.sans-serif’] = ‘SimHei’

;

x
x
y

cc_ SPcPba c _S\ Tc 7 P \ S T caP T b caP T b
a c _ cTa cT

(i) pandas matplotlib.pyplot plt.rcParams['font.sans-serif'] = 'WEnQuanYi Zen Hei' plt.rcParams['font.sans-serif'] = 'SimHei'

;

x
x
y

10

x

x

y

Tc a c _ cTa cT
cc_ SPcPba c _S\ Tc 7 P \ S T _bc b b
_bc b b a c _ cTa cT

x
x
y

2000 data.iloc[0,5:]

2000

data.iloc[68, 2:5]

x
x
y

Tc a c _ cTa cT
cc_ SPcPba c _S\ Tc 7 P \ S T Pa bT P c b
Pa bT P c b a c _ cTa cT

x
y