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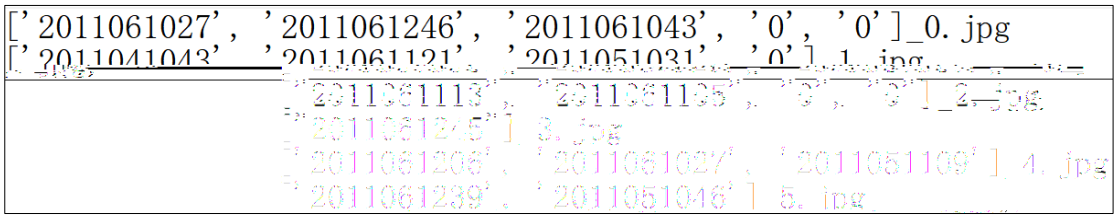
['2011061027', '2011061246', '2011061043', '0', '0']_0.jpg
['2011041043' '2011061121' '2011051031' '0']_1.jpg
'2011061113', '2011061135', '0', '0']_2.jpg
'2011061245']_3.jpg
'2011061206', '2011061027', '2011051109']_4.jpg
'2011061239', '2011051046']_5.jpg

a c

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	0.395	0.003	0.013999999999999999	0.76	0.0	0.63	0.789	0.004	0.0
2019-03-01 00:15:00	0.46299999999999997	0.003	0.013999999999999999	0.77	0.004	0.63	0.7509999999999999	0.004	0.0
2019-03-01 00:30:00	0.366	0.003	0.013999999999999999	0.36	0.004	0.63	0.789	0.004	0.0

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country	beer_servings	spirit_servings	wine_servings	total_litres_of_pure_alcohol	continent
Afghanistan	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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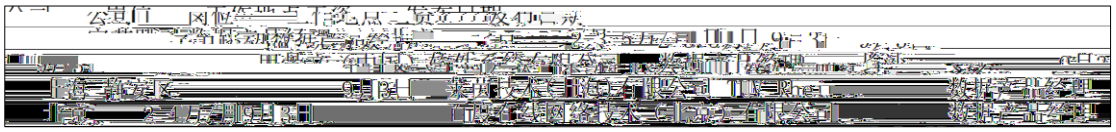

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ListingId		借款金额	借款期限	借款利率	借款成功日期	初始评级
126541	18000	12	18	2015/5/4	C	
133291	9453	12	20	2015/3/16	D	
142421	27000	24	20	2016/4/26	E	
149711	25000	12	18	2015/3/30	C	
152141	20000	6	16	2015/1/22	C	

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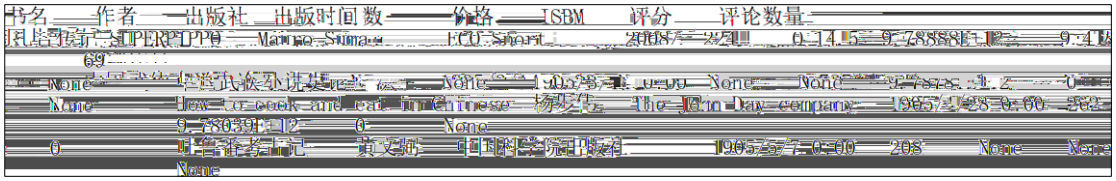

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城市	省份
七台河	黑龙江
三亚	海南
三明	福建
三门峡	河南
上海	上海
上饶	江西

a c

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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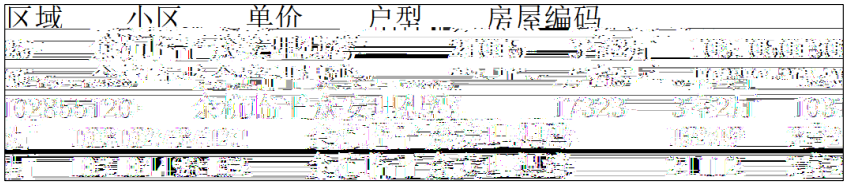

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Linux wget -P /opt/software http://datasrc.tipdm.net:81/Hunan/module2/2-1/jdk-8u151-linux-x64.rpm JDK jdk-8u151-linux-x64.rpm Linux /opt/software

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

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iv. È¦AÑ1Ç £ w @5 - –d½ÁI—$ „ .¿ o h ` iÎìÍ2

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

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

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HTML

BeautifulSoup

BeautifulSoup BeautifulSoup

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在线教育
教学资源
开源平台
其他
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(iii) “ ” “ ” “ ”

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x
y

' '

(iii)

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x
x
y

表 4-2 HR_comma_sep.csv 字段说明

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表 4-3 movies.csv 字段说明

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表 4-4 mum_baby_trade_history.csv 字段说明

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a

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

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

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