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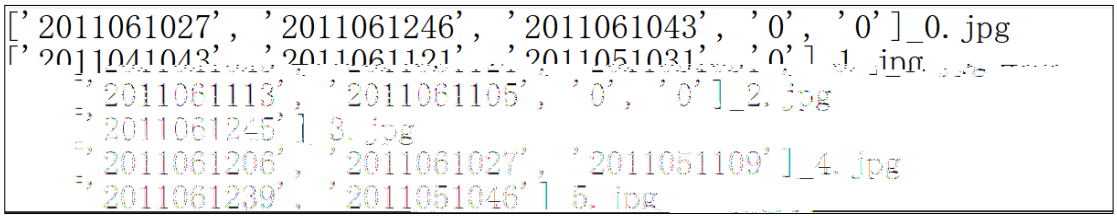
['2011061027', '2011061246', '2011061043', '0', '0']_0.jpg
'2011061113', '2011061105', '0', '0']_2.jpg
'2011061245']_3.jpg
'2011061206', '2011061027', '2011051109']_4.jpg
'2011061239', '2011051046']_5.jpg

3.6 Python

jupyter notebook pycharm

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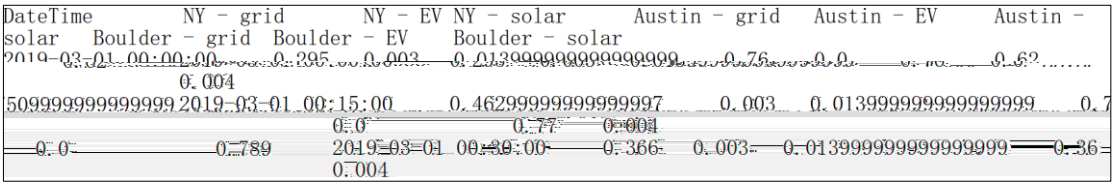

DateTime	NY - grid	NY - EV	NY - solar	Austin - grid	Austin - EV	Austin -
solar	Boulder - grid	Boulder - EV	Boulder - solar			
2019-03-01 00:00:00	0.295	0.003	0.013999999999999999	0.76	0.0	0.62
0.004						
5099999999999999	2019-03-01 00:15:00		0.46299999999999997	0.003	0.013999999999999999	0.7
		0.0	0.77	0.004		
0.0	0.789	2019-03-01 00:30:00	0.366	0.003	0.013999999999999999	0.36
		0.004				

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\data txt

3.6 Python

jupyter notebook pycharm

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3.6 Python

jupyter notebook pycharm

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7	8
14	16
5	9
15	20
6	8

3.6 Python

jupyter notebook pycharm

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3.6 Python

jupyter notebook pycharm

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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

3.6 Python

jupyter notebook pycharm

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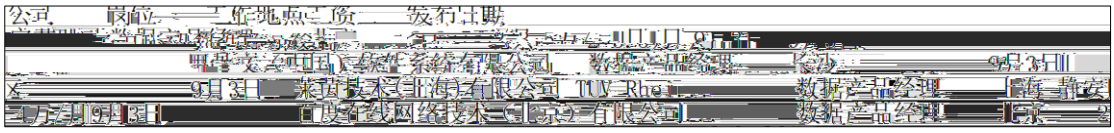

3.6 Python

jupyter notebook pycharm

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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	

3.6 Python

jupyter notebook pycharm

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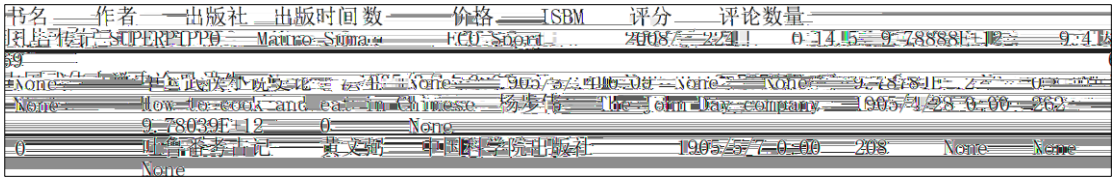

3.6 Python

jupyter notebook pycharm

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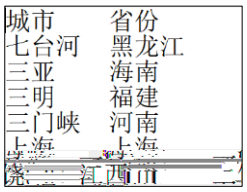

城市	省份
七台河	黑龙江
三亚	海南
三明	福建
三门峡	河南
上海	上海
景德镇	江西省

3.6 Python

jupyter notebook pycharm

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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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3.6 Python

jupyter notebook pycharm

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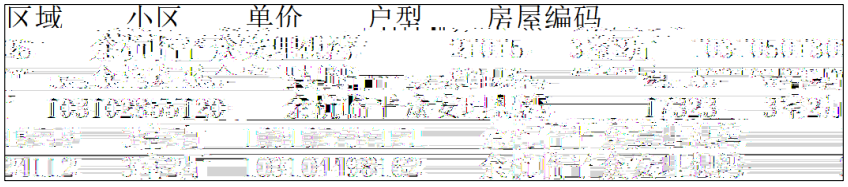

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3.6 Python

jupyter notebook pycharm

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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

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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

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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

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hadoop MySQL hive hive
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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

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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

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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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BeautifulSoup BeautifulSoup

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requests BeautifulSoup

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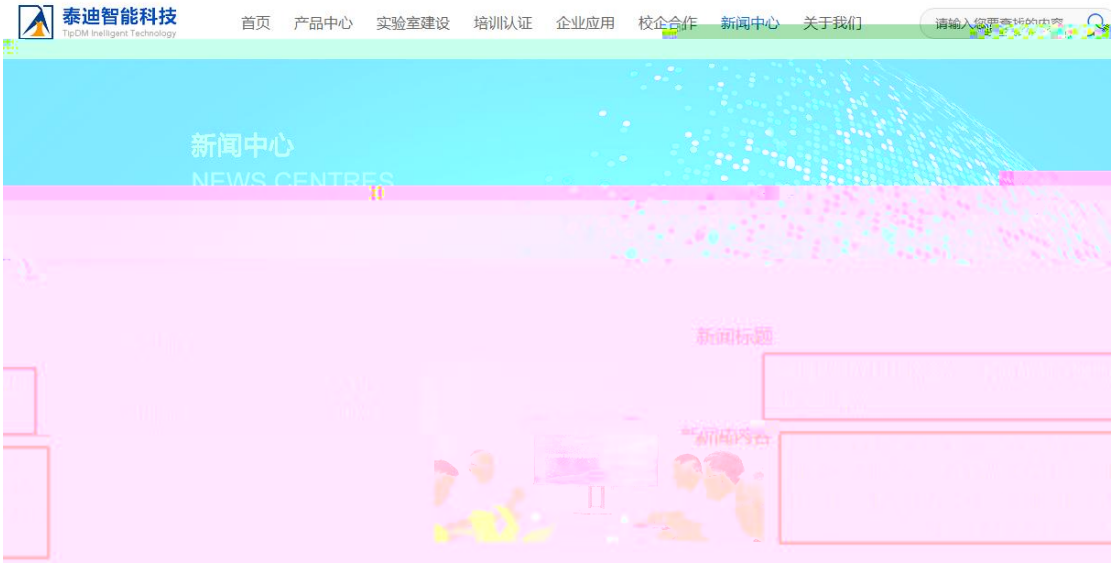

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urllib3

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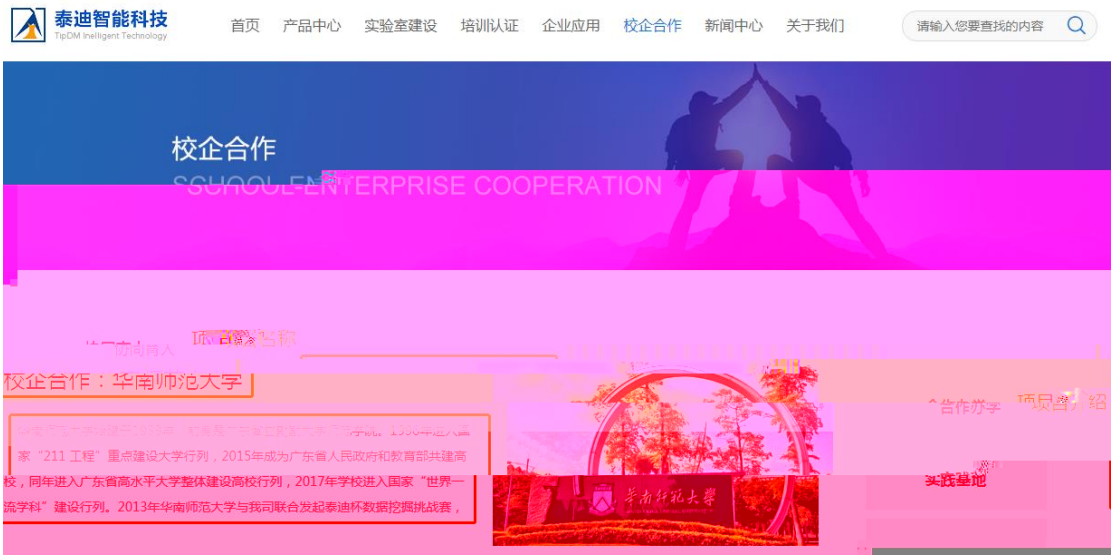

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requests BeautifulSoup

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表 4-2 HR_comma_sep.csv 字段说明

' '

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' '

Linux wget -P /root/jupyter_notebook http://datasrc.tipdm.net:81/Hunan/module5/5-7/movies.csv movies.csv Linux /root/jupyter_notebook

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表 4-3 movies.csv 字段说明

Linux wget -P /root/jupyter_notebook
http://datasrc.tipdm.net:81/Hunan/module5/5-8/mum_baby_trade_history.csv
mum_baby_trade_history.csv Linux /root/jupyter_notebook

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表 4-4 mum_baby_trade_history.csv 字段说明

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Linux wget -P /root/jupyter_notebook http://datasrc.tipdm.net:81/Hunan/module5/5-9/book.xlsx book.xlsx Linux /root/jupyter_notebook

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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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x

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http://datasrc.tipdm.net:81/Hunan/module5/5-10/travel.xlsx travel.xlsx Linux /root/jupyter_notebook

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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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x

y

10

x

x

y

Linux wget -P /root/jupyter_notebook
http://datasrc.tipdm.net:81/Hunan/module5/5-12/lipsticks.xlsx
lipsticks.xlsx Linux /root/jupyter_notebook

x
x
y

Linux wget -P /root/jupyter_notebook http://datasrc.tipdm.net:81/Hunan/module5/5-13/guomin.xlsx guomin.xlsx Linux /root/jupyter_notebook

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Linux wget -P /root/jupyter_notebook http://datasrc.tipdm.net:81/Hunan/module5/5-14/car_selling_fact.xlsx car_selling_fact.xlsx Linux /root/jupyter_notebook

x

y