大数据案例-步骤一:本地数据集上传到数据仓库Hive

一、任务清单

- 安装Linux系统
- 数据集下载与查看
- 数据集预处理
- 把数据集导入分布式文件系统HDFS中
- 在数据仓库Hive上创建数据库

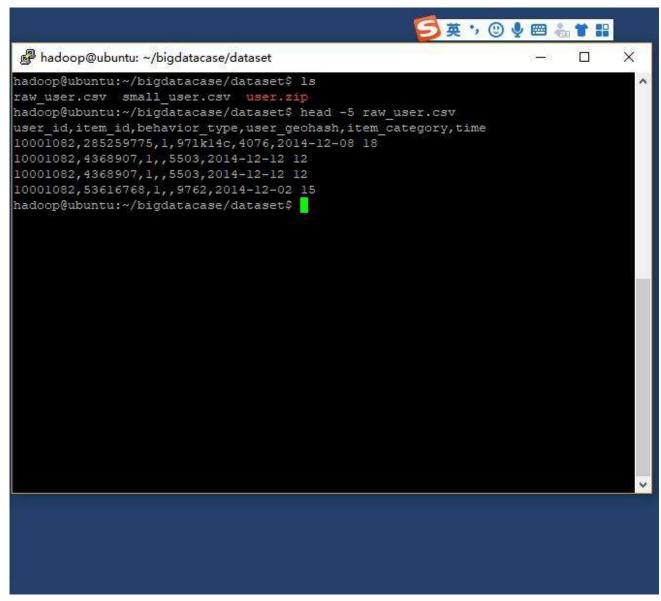
二、实验结果

- 安装Linux系统
 - 本实验采用ubuntu 16.04 server版
 - IP:192.169.227.10

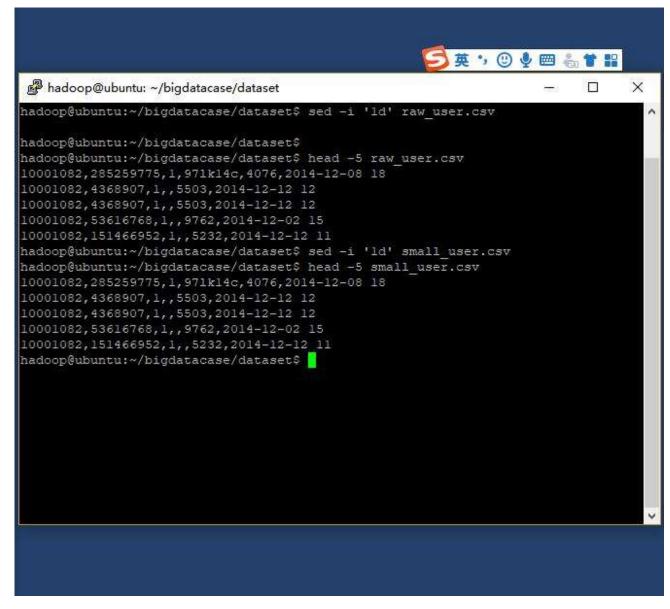
```
## Dadoop@ubumu -

| Cockes | Link enceptEnhermet | HMaddr 02:42:13:45:157:0e | | |
| Ind enceptEnhermet | HMaddr 02:42:13:45:157:0e |
| Ind enceptEnhermet | HMaddr 02:42:13:45:157:0e |
| IN packets10 | Encepted dropped() Overtunato (frame:0) |
| IN packets10 | Encepted dropped() Overtunato (frame:0) |
| IN packets10 | Encepted | Encepted | Encepted | Encepted |
| IN packets10 | Encepted | Encepted | Encepted | Encepted |
| Int enceptEnhermet | HMaddr 08:00:27:155:81:50 |
| Int enceptEnhermet | HMaddr 08:00:27:155:81:50 |
| Int enceptEnhermet | HMaddr 08:00:27:155:81:50 |
| Int enceptEnhermet | Encepted | Encepted | Encepted |
| IN packets10 | Encepted | Encepted | Encepted |
| IN packets10 | Encepted | Encepted | Encepted |
| IN packets10 | Encepted | Encepted | Encepted |
| IN packets10 | Encepted | Encepted | Encepted |
| Int enceptEnhermet | HMaddr 08:00:27:e8:13:176 |
| Int enceptEnhermet | HMaddr 08:00:27:e8
```

- 数据集下载与查看
 - 。 查看raw_user.csv前五条数据: head -5 raw_user.csv

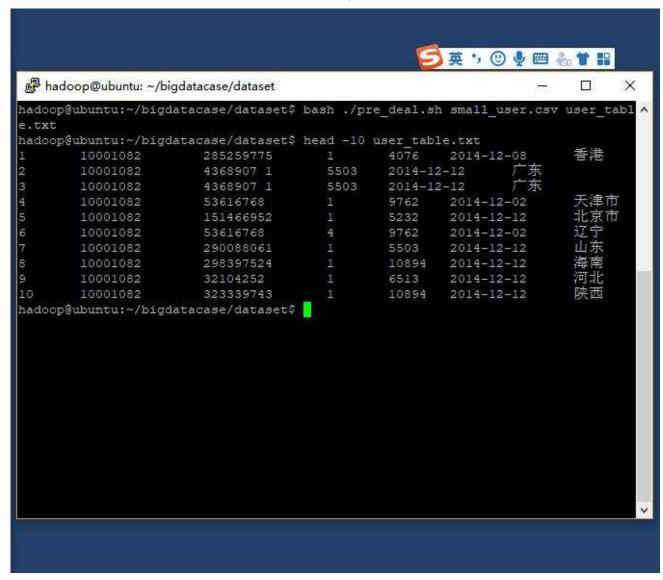


- 数据集预处理
 - 。 删除文件第一行记录, 即字段名称



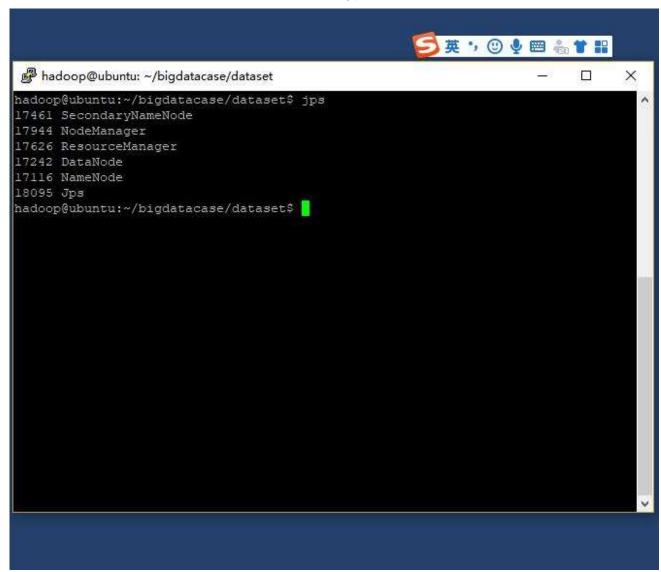
• 对字段进行预处理

。 为每行记录增加一个id字段(让记录具有唯一性)、增加一个省份字段(用来后续进行可视化分析),并且丢弃user geohash字段(后面分析不需要这个字段)。

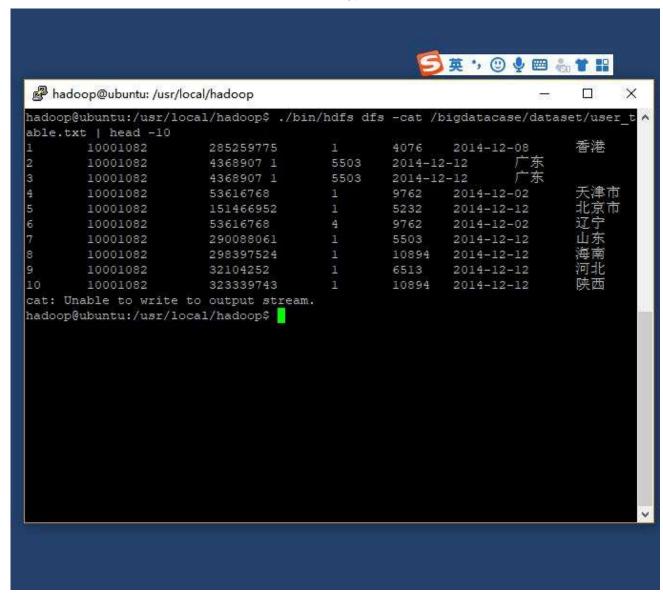


• 导入数据库

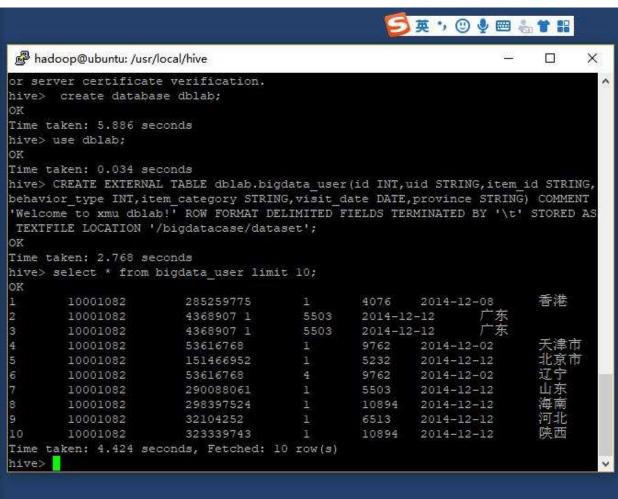
。 启动hadoop: ./sbin/start-all.sh



。把usertable.txt上传到HDFS中,查看一下HDFS中的usertable.txt的前10条记录



- 。 在Hive上创建数据库,创建外部表,查询数据
 - select * from bigdata_user limit 10;



select behaviortype from bigdatauser limit 10;

