ODS层开发

外部表，ods层存放位置 HDFS中/

[hadoop@slave02 root]$ hdfs dfs -mkdir /house/

[hadoop@slave02 root]$ hdfs dfs -mkdir /house/data/

[hadoop@slave02 root]$ hdfs dfs -mkdir /house/data/ods/

**第一个表**

create table ods\_business\_operations(

business string,

a2022 double,

a2021 double,

a2020 double,

a2019 double,

a2018 double,

a2017 double,

a2016 double,

a2015 double,

a2014 double,

a2013 double)

row format delimited

fields terminated by ','

Stored as textfile

Location '/house/data/ods/business\_operations';

hdfs dfs -put business\_operations.csv /house/data/ods/business\_operations/

**第二个表**

create external table ods\_assets\_liabilities(

business string,

a2022 double,

a2021 double,

a2020 double,

a2019 double,

a2018 double,

a2017 double,

a2016 double,

a2015 double,

a2014 double,

a2013 double)

row format delimited

fields terminated by ','

Stored as textfile

Location '/house/data/ods/Assets\_liabilities';

hdfs dfs -mkdir /house/data/ods/Assets\_liabilities

hdfs dfs -put assets\_liabilities.csv /house/data/ods/Assets\_liabilities

**第三个表**

hdfs dfs -mkdir /house/data/ods/annual\_average\_price

create external table ods\_annual\_average\_price(

business string,

a2022 double,

a2021 double,

a2020 double,

a2019 double,

a2018 double,

a2017 double,

a2016 double,

a2015 double,

a2014 double,

a2013 double)

row format delimited

fields terminated by ','

Stored as textfile

Location '/house/data/ods/annual\_average\_price';

hdfs dfs -put annual\_average\_price.csv /house/data/ods/annual\_average\_price/

**第四个表**

hdfs dfs -mkdir /house/data/ods/annual\_total\_sales\_revenue

create external table ods\_annual\_total\_sales\_revenue(

business string,

a2022 double,

a2021 double,

a2020 double,

a2019 double,

a2018 double,

a2017 double,

a2016 double,

a2015 double,

a2014 double,

a2013 double)

row format delimited

fields terminated by ','

Stored as textfile

Location '/house/data/ods/annual\_total\_sales\_revenue';

hdfs dfs -put annual\_total\_sales\_revenue.csv /house/data/ods/annual\_total\_sales\_revenue

**第五个表**

**hdfs dfs -mkdir /house/data/ods/annual\_total\_sales\_area**

create external table ods\_**annual\_total\_sales\_area**(

business string,

a2022 double,

a2021 double,

a2020 double,

a2019 double,

a2018 double,

a2017 double,

a2016 double,

a2015 double,

a2014 double,

a2013 double)

row format delimited

fields terminated by ','

Stored as textfile

Location '/house/data/ods/**annual\_total\_sales\_area**';

**hdfs dfs -put annual\_total\_sales\_area.csv /house/data/ods/annual\_total\_sales\_area**

**第六个表**

**hdfs dfs -mkdir /house/data/ods/regional\_housing\_prices**

create external table ods\_**regional\_housing\_prices**(

city string,

a2022 double,

a2021 double,

a2020 double,

a2019 double,

a2018 double,

a2017 double,

a2016 double,

a2015 double,

a2014 double,

a2013 double)

row format delimited

fields terminated by ','

Stored as textfile

Location '/house/data/ods/**regional\_housing\_prices**';

hdfs dfs -put regional\_housing\_prices.csv /house/data/ods/regional\_housing\_prices

**第七个表**

**hdfs dfs -mkdir /house/data/ods/regional\_housing\_sales\_revenue**

create external table ods\_**regional\_housing\_sales\_revenue**(

city string,

a2022 double,

a2021 double,

a2020 double,

a2019 double,

a2018 double,

a2017 double,

a2016 double,

a2015 double,

a2014 double,

a2013 double)

row format delimited

fields terminated by ','

Stored as textfile

Location '/house/data/ods/**regional\_housing\_sales\_revenue**';

hdfs dfs -put regional\_housing\_sales\_revenue.csv /house/data/ods/regional\_housing\_sales\_revenue

**第八个表**

**regional\_housing\_sales\_area**

**hdfs dfs -mkdir /house/data/ods/regional\_housing\_sales\_area**

create external table ods\_**regional\_housing\_sales\_area**(

city string,

a2022 double,

a2021 double,

a2020 double,

a2019 double,

a2018 double,

a2017 double,

a2016 double,

a2015 double,

a2014 double,

a2013 double)

row format delimited

fields terminated by ','

Stored as textfile

Location '/house/data/ods/**regional\_housing\_sales\_area**';

hdfs dfs -put regional\_housing\_sales\_area.csv /house/data/ods/regional\_housing\_sales\_area

**第九个表**

hdfs dfs -mkdir /house/data/ods/completed\_area\_of\_major\_cities

hdfs dfs -put completed\_area\_of\_major\_cities.csv /house/data/ods/completed\_area\_of\_major\_cities

create external table ods\_completed\_area\_of\_major\_cities(

city string,

a2022 double,

a2021 double,

a2020 double,

a2019 double,

a2018 double,

a2017 double,

a2016 double,

a2015 double,

a2014 double,

a2013 double)

row format delimited

fields terminated by ','

Stored as textfile

Location '/house/data/ods/completed\_area\_of\_major\_cities';

**第十个表**

hdfs dfs -mkdir /house/data/ods/constructed\_area\_of\_major\_cities

hdfs dfs -put constructed\_area\_of\_major\_cities.csv /house/data/ods/constructed\_area\_of\_major\_cities

create external table ods\_constructed\_area\_of\_major\_cities(

city string,

a2022 double,

a2021 double,

a2020 double,

a2019 double,

a2018 double,

a2017 double,

a2016 double,

a2015 double,

a2014 double,

a2013 double)

row format delimited

fields terminated by ','

Stored as textfile

Location '/house/data/ods/constructed\_area\_of\_major\_cities';