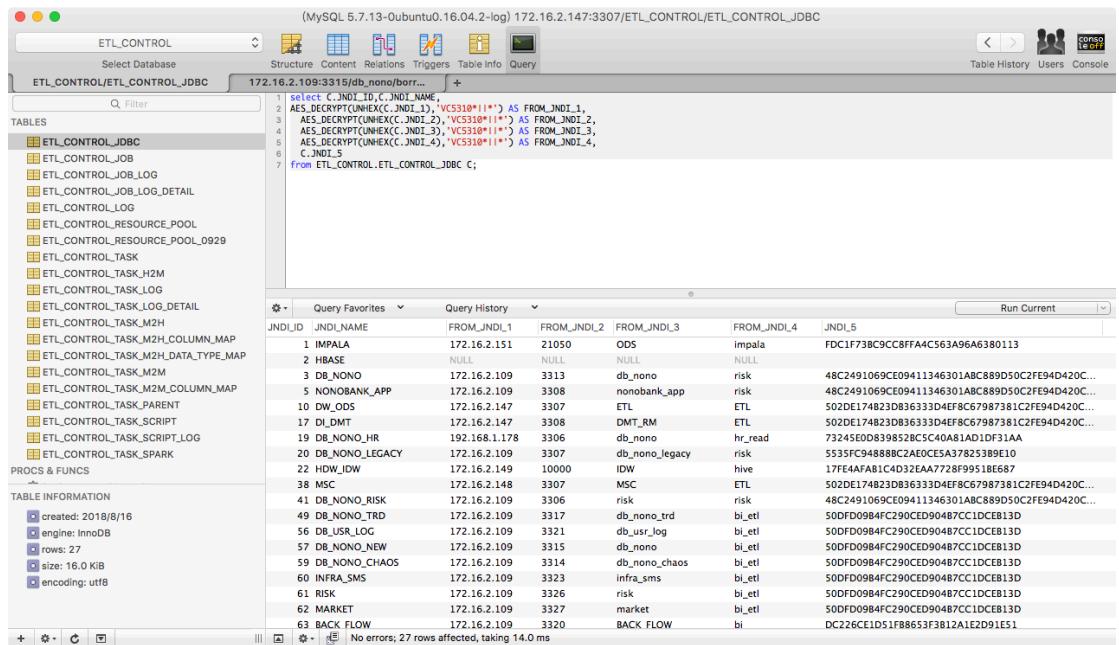


1. 抽取业务库数据的连接信息接图



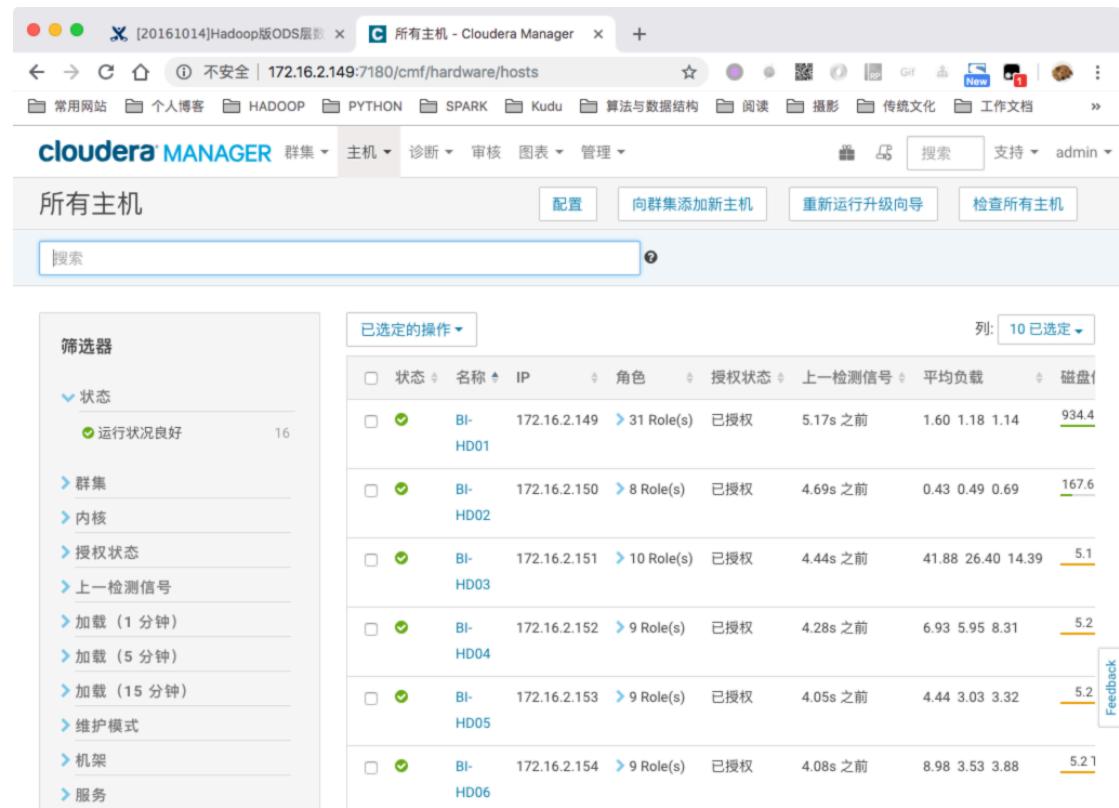
The screenshot shows the MySQL Workbench interface. The title bar indicates the connection is to MySQL 5.7.13-0ubuntu0.16.04.2-log (17.2.16.2.147:3307) for the database ETL_CONTROL. The left sidebar shows the schema ETL_CONTROL_JDBC with various tables and objects listed. The main area contains a SQL editor with the following query:

```
1 select C.JNDI_ID,C.JNDI_NAME
2   AES_DECRYPT(UNHEX(C.JNDI_1),'VC5310#1*') AS FROM_JNDI_1,
3   AES_DECRYPT(UNHEX(C.JNDI_2),'VC5310#1*') AS FROM_JNDI_2,
4   AES_DECRYPT(UNHEX(C.JNDI_3),'VC5310#1*') AS FROM_JNDI_3,
5   AES_DECRYPT(UNHEX(C.JNDI_4),'VC5310#1*') AS FROM_JNDI_4,
6   C.JNDI_NAME
7  from ETL_CONTROL.ETL_CONTROL_JDBC C;
```

Below the SQL editor is a results table with the following data:

JNDI_ID	JNDI_NAME	FROM_JNDI_1	FROM_JNDI_2	FROM_JNDI_3	FROM_JNDI_4	JNDI_5
1	IMPALA	172.16.2.151	21050	ODS	impara	FDC1F73BC9CC8FFA4C563A96A6380113
2	BASE	NULL	NULL	NULL	NULL	NULL
3	DB_NONO	172.16.2.109	3313	db_nono	risk	48C2491069CE09411346301ABC889D50C2FE94D420C..
5	NONOBANK_APP	172.16.2.109	3308	nonobank_app	ETL	48C2491069CE09411346301ABC889D50C2FE94D420C..
10	DW_ODS	172.16.2.147	3307	ETL	502DE174B23D836333D4EF8C67987381C2FE94D420C..	
17	DL_DMT	172.16.2.147	3308	DMT_RM	ETL	502DE174B23D836333D4EF8C67987381C2FE94D420C..
19	DB_NONO_HR	192.168.1.178	3306	db_nono	hr_read	73245E0D8398528C5C40A81AD1DF31AA
20	DB_NONO_LEGACY	172.16.2.109	3307	db_nono_legacy	risk	5535FC94888C2A0CE5A378253B9E10
22	HDW_IDW	172.16.2.149	10000	IDW	hive	17FE4AFAB1C4D32EA7728F9951B6E87
38	MSC	172.16.2.148	3307	MSC	ETL	502DE174B23D836333D4EF8C67987381C2FE94D420C..
41	DB_NONO_RISK	172.16.2.109	3306	risk	risk	48C2491069CE09411346301ABC889D50C2FE94D420C..
49	DB_NONO_TRD	172.16.2.109	3317	db_nono_trd	bi_etl	500FD0984FC290CED09487C1C1DCB13D
56	DB_USR_LOG	172.16.2.109	3321	db_usr_log	bi_etl	500FD0984FC290CED09487C1C1DCB13D
57	DB_NONO_NEW	172.16.2.109	3315	db_nono	bi_etl	500FD0984FC290CED09487C1C1DCB13D
59	DB_NONO_CHAOS	172.16.2.109	3314	db_nono_chaos	bi_etl	500FD0984FC290CED09487C1C1DCB13D
60	INFRA_SMS	172.16.2.109	3323	infra_sms	bi_etl	500FD0984FC290CED09487C1C1DCB13D
61	RISK	172.16.2.109	3326	risk	bi_etl	500FD0984FC290CED09487C1C1DCB13D
62	MARKET	172.16.2.109	3327	market	bi_etl	500FD0984FC290CED09487C1C1DCB13D
63	BACK_FLOW	172.16.2.109	3320	BACK_FLOW	bi	DC226CE1D51FB8653F3B12A1E2D91E51

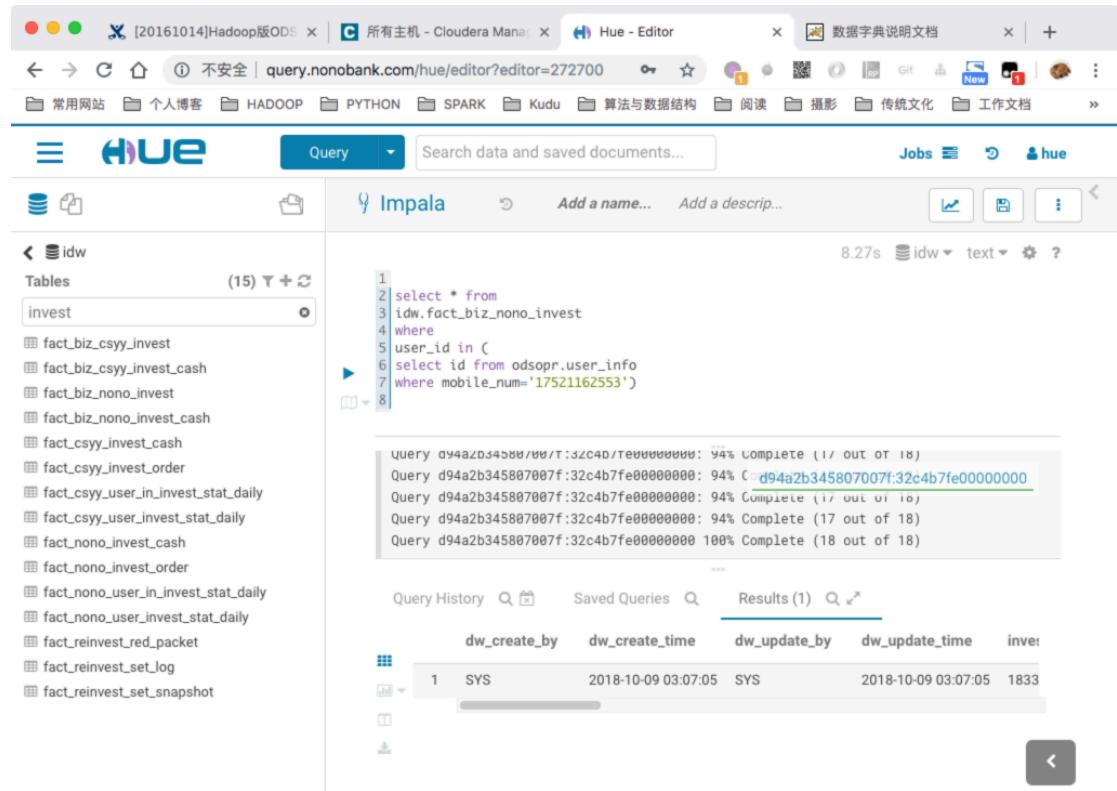
2. 大数据集群服务器列表截图



The screenshot shows the 'All Hosts' page in Cloudera Manager. The left sidebar contains a 'Filter' section with various status and cluster filters. The main area displays a table of 10 selected hosts, each with a checkbox, IP address, number of roles, authorization status, last check time, average load, and disk usage. A 'Feedback' button is visible on the right side of the table.

状态	名称	IP	角色	授权状态	上一检测信号	平均负载	磁盘
运行状况良好	HD01	172.16.2.149	31 Role(s)	已授权	5.17s 之前	1.60 1.18 1.14	934.4
运行状况良好	HD02	172.16.2.150	8 Role(s)	已授权	4.69s 之前	0.43 0.49 0.69	167.6
运行状况良好	HD03	172.16.2.151	10 Role(s)	已授权	4.44s 之前	41.88 26.40 14.39	5.1
运行状况良好	HD04	172.16.2.152	9 Role(s)	已授权	4.28s 之前	6.93 5.95 8.31	5.2
运行状况良好	HD05	172.16.2.153	9 Role(s)	已授权	4.05s 之前	4.44 3.03 3.32	5.2
运行状况良好	HD06	172.16.2.154	9 Role(s)	已授权	4.08s 之前	8.98 3.53 3.88	5.2

3. 手机号：17521162553 投资 100 块真实标截图

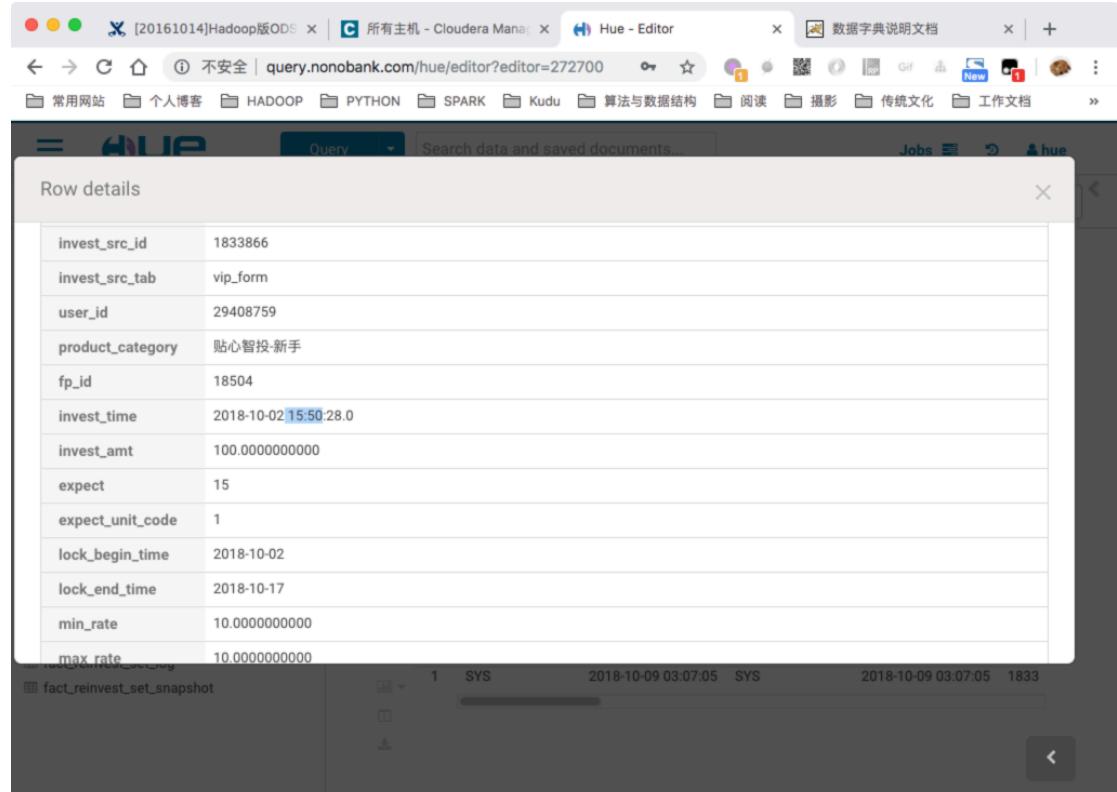


The screenshot shows the Hue Impala Editor interface. The left sidebar lists tables under the 'idw' database, including 'invest', 'fact_biz_csyy_invest', 'fact_biz_csyy_invest_cash', etc. The main area displays an Impala query:

```
1 select * from
2 idw.fact_biz_nono_invest
3 where
4 user_id in (
5 select id from odsopr.user_info
6 where mobile_num='17521162553')
7
8
```

Below the query, the results of 18 queries are shown, all completed successfully with 94% completion. The results table shows a single row with the following data:

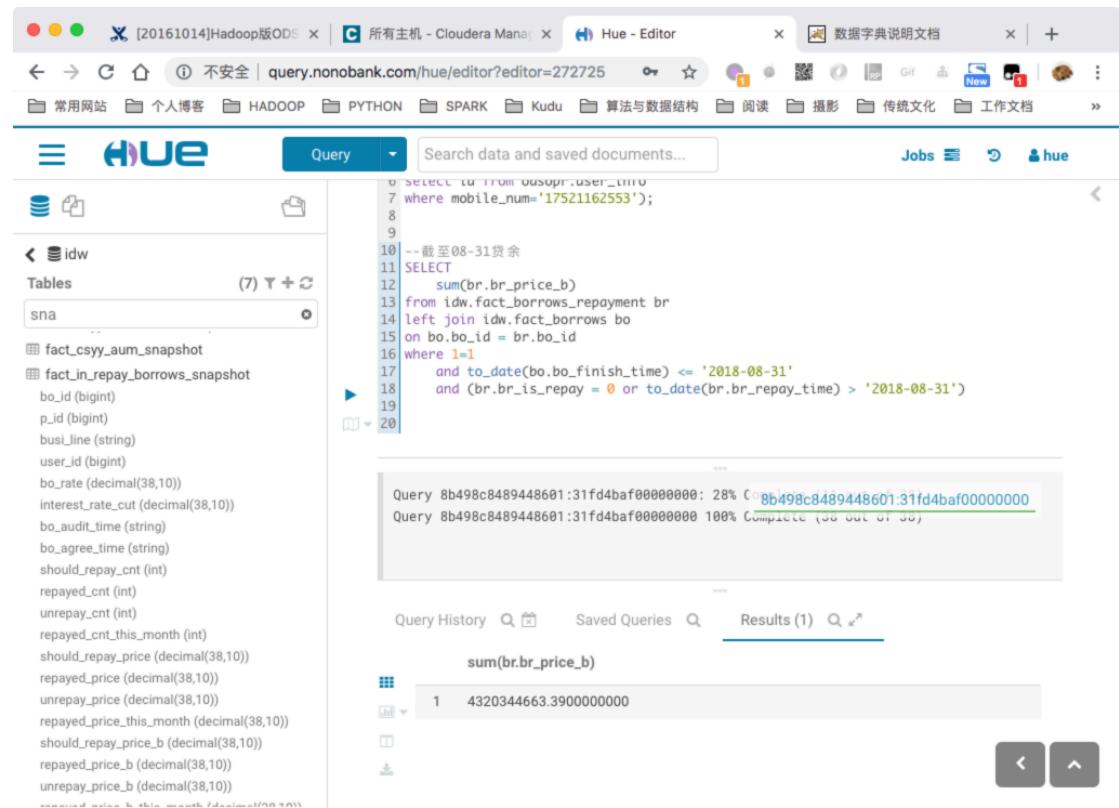
dw_create_by	dw_create_time	dw_update_by	dw_update_time	invest_src_id
SYS	2018-10-09 03:07:05	SYS	2018-10-09 03:07:05	1833866



The screenshot shows the Hue Row details view for the 'invest' table. It displays a list of parameters and their values:

invest_src_id	1833866
invest_src_tab	vip_form
user_id	29408759
product_category	贴心智投-新手
fp_id	18504
invest_time	2018-10-02 15:50:28.0
invest_amt	100.0000000000
expect	15
expect_unit_code	1
lock_begin_time	2018-10-02
lock_end_time	2018-10-17
min_rate	10.0000000000
max_rate	10.0000000000

4. 截至 2018-08-31 的贷余截图



The screenshot shows the Hue Editor interface on a web browser. The title bar includes the URL `query.nobobank.com/hue/editor?editor=272725`. The main area displays a SQL query:

```
0 SELECT tu FROM user_info
7 where mobile_num='17521162553';
8
9
10 -- 截至 08-31 贷余
11 SELECT
12     sum(br.br_price_b)
13     from idw.fact_borrows_repayment br
14     left join idw.fact_borrows bo
15     on bo.bo_id = br.bo_id
16     where 1=1
17     and to_date(br.bo_finish_time) <= '2018-08-31'
18     and (br.br_is_repay = 0 or to_date(br.br_repay_time) > '2018-08-31')
19
20
```

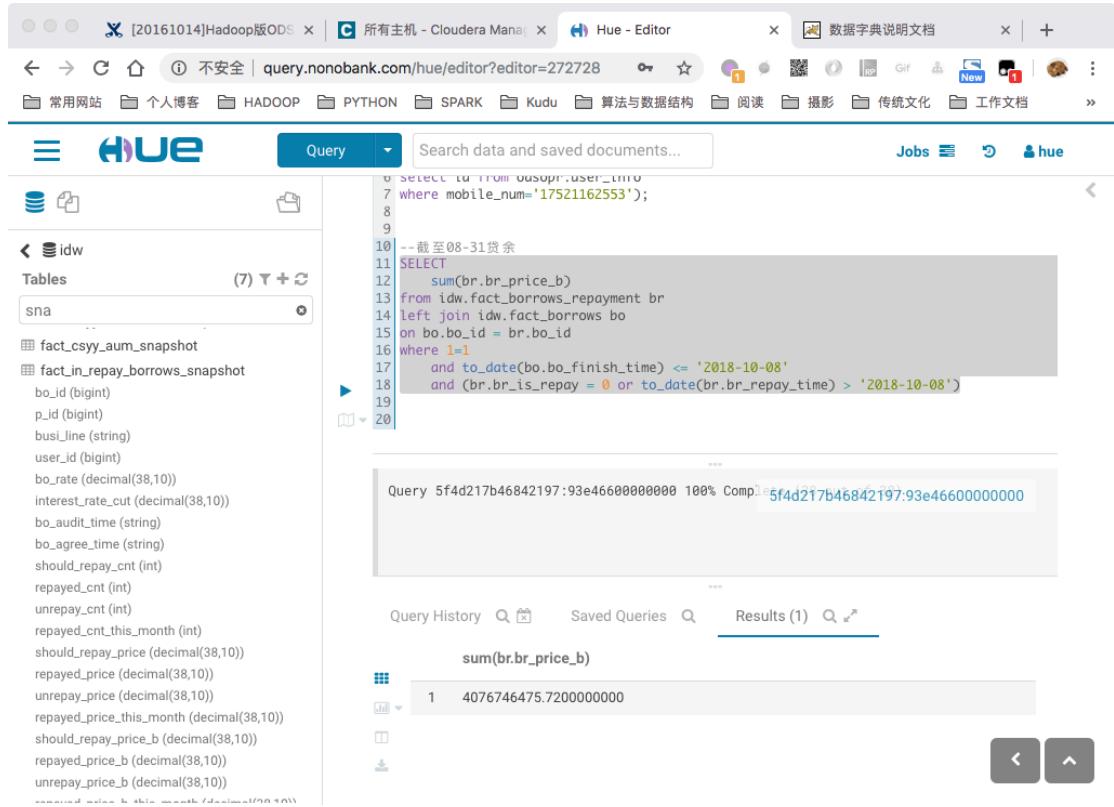
The results pane shows the output of the query:

Query 8b498c8489448601:31fd4baf00000000: 28% [8b498c8489448601:31fd4baf00000000](#)
Query 8b498c8489448601:31fd4baf00000000 100% Complete (3s out of 3s)

Results (1)

	sum(br.br_price_b)
1	4320344663.3900000000

5. 截至抽标当天 (T-1 : 2018-10-08) 的贷余截图



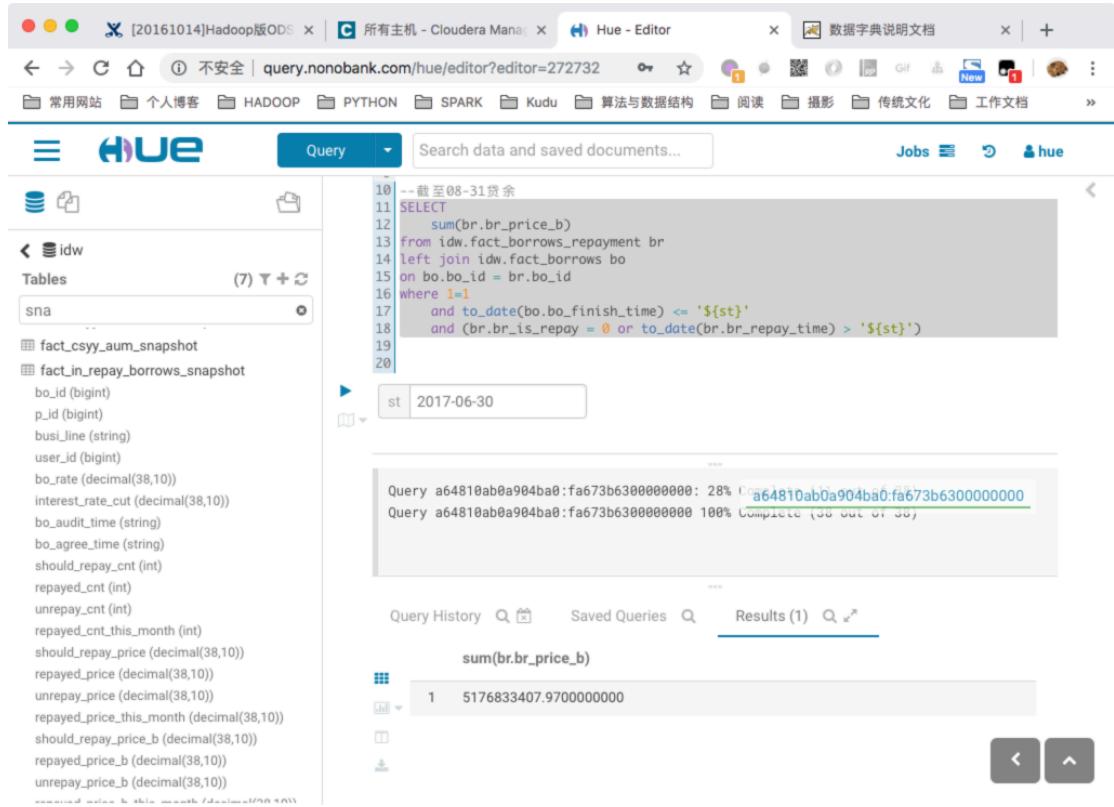
The screenshot shows the Hue Editor interface with the following details:

- Query Tab:** Contains the following SQL code:

```
6 Select tu FROM odsopr.user_info
7 where mobile_num='17521162553';
8
9
10 -- 截至08-31贷余
11 SELECT
12     sum(br.br_price_b)
13     from idw.fact_borrows_repayment br
14     left join idw.fact_borrows bo
15     on bo.bo_id = br.bo_id
16     where 1=1
17     and to_date(bo.bo_finish_time) <= '2018-10-08'
18     and (br.br_is_repay = 0 or to_date(br.br_repay_time) > '2018-10-08')
19
20
```
- Results Tab:** Shows the result of the query:

```
Query 5f4d217b46842197:93e46600000000 100% Complete
sum(br.br_price_b)
1 4076746475.7200000000
```

6. 截至 2017-06-30 的贷余截图



The screenshot shows the Hue Editor interface on a web browser. The URL is `query.nonobank.com/hue/editor?editor=272732`. The interface includes a top navigation bar with tabs for '所有主机 - Cloudera Manager', 'Hue - Editor', and '数据字典说明文档'. Below the navigation is a toolbar with various icons. The main area is divided into sections: 'Tables' on the left, a 'Query' editor in the center, and a 'Results' panel on the right.

Tables section:

- idw
- Tables (7)
- sna

Query Editor (SQL code):

```
10 -- 截至 08-31 贷余
11 SELECT
12     sum(br.br_price_b)
13     from idw.fact_borrows_repayment br
14     left join idw.fact_borrows bo
15     on bo.bo_id = br.bo_id
16     where 1=1
17     and to_date(br.bo_finish_time) <= '${st}'
18     and (br.br_is_repay = 0 or to_date(br.br_repay_time) > '${st}')
19
20
```

Parameters (st): 2017-06-30

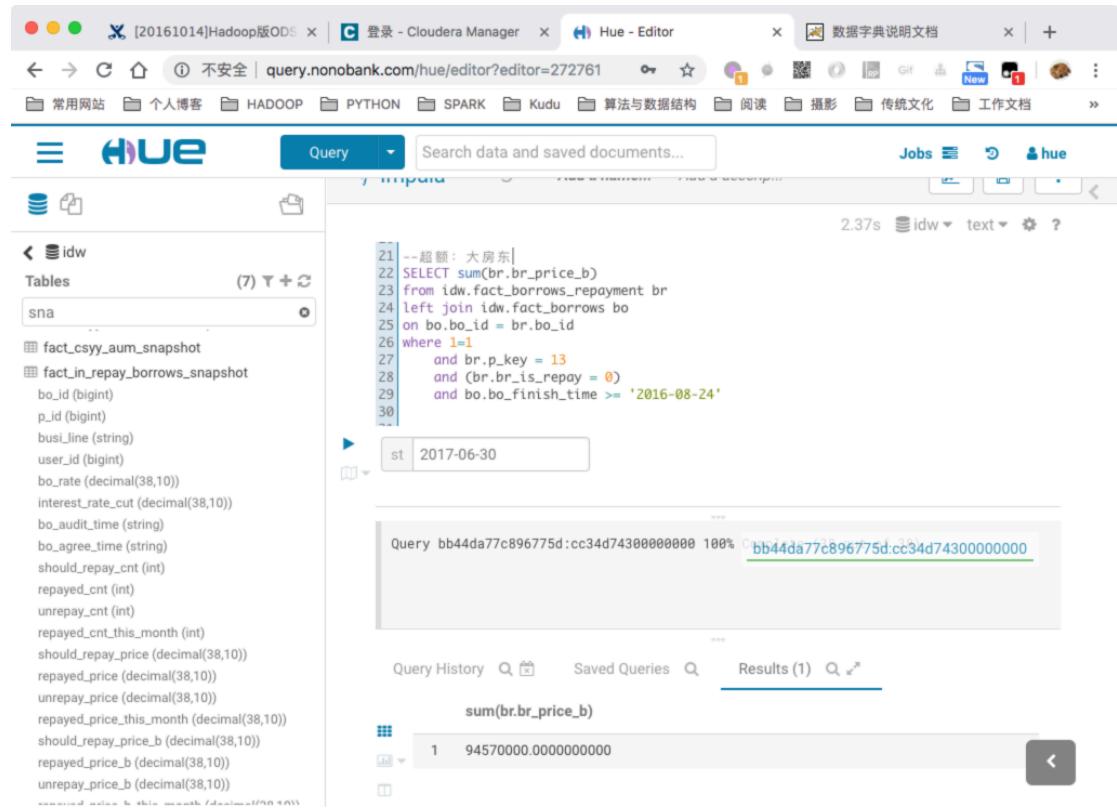
Results panel:

- Query History: a64810ab0a904ba0:fa673b6300000000: 28% Complete (30 out of 30)
- Query a64810ab0a904ba0:fa673b6300000000: 100% Complete (30 out of 30)

Result table:

	sum(br.br_price_b)
1	5176833407.9700000000

7. 超额放款大房东截至目前 (2018-10-08) 的贷余截图



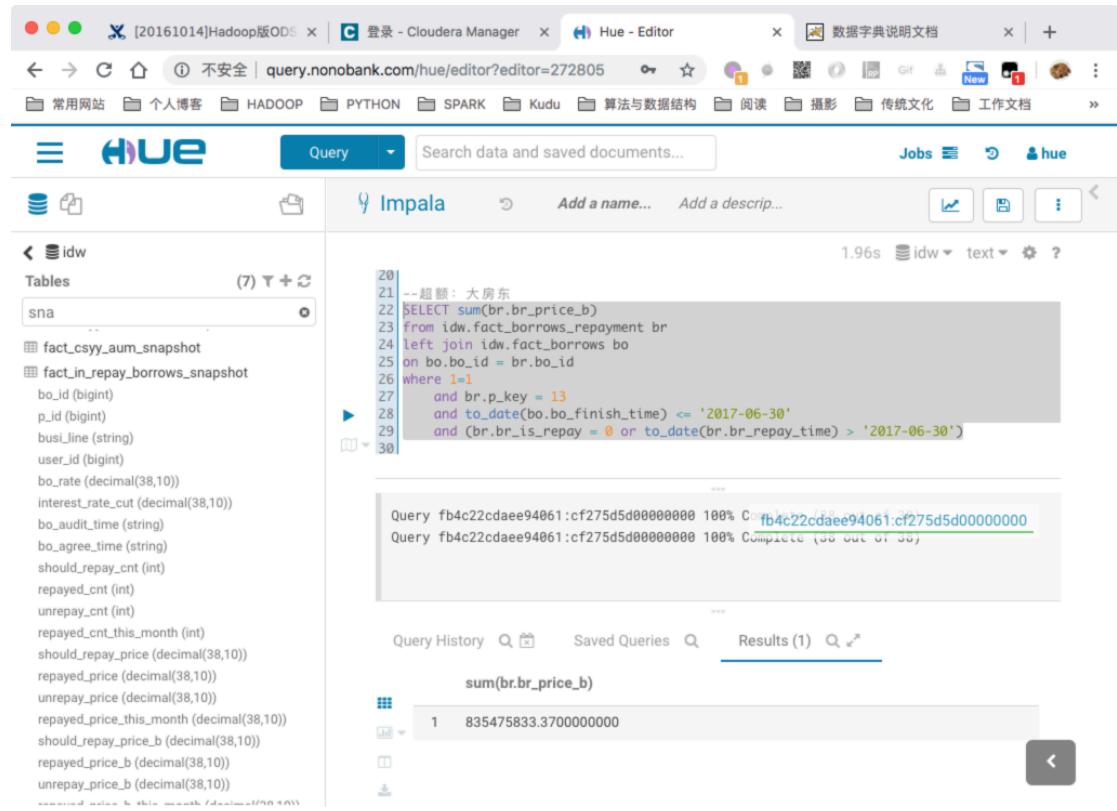
The screenshot shows the Hue Editor interface on a Cloudera Manager page. The query editor contains the following SQL code:

```
21 --超额: 大房东
22 SELECT sum(br.br_price_b)
23 from idw.fact_borrows_repayment br
24 left join idw.fact_borrows bo
25 on bo.bo_id = br.bo_id
26 where 1=1
27 and br.p_key = 13
28 and (br.br_is_repay = 0)
29 and bo.bo_finish_time >= '2016-08-24'
30
```

The parameter `st` is set to `2017-06-30`. The results section shows the output of the query:

	sum(br.br_price_b)
1	94570000.0000000000

8. 超额放款大房东截至 2017-06-30 的贷余截图



The screenshot shows the Hue Impala Editor interface. The left sidebar displays a list of tables in the 'idw' database, including 'fact_csyy_aum_snapshot', 'fact_in_repay_borrows_snapshot', and 'sna'. The main area is titled 'Impala' and contains a query editor with the following SQL code:

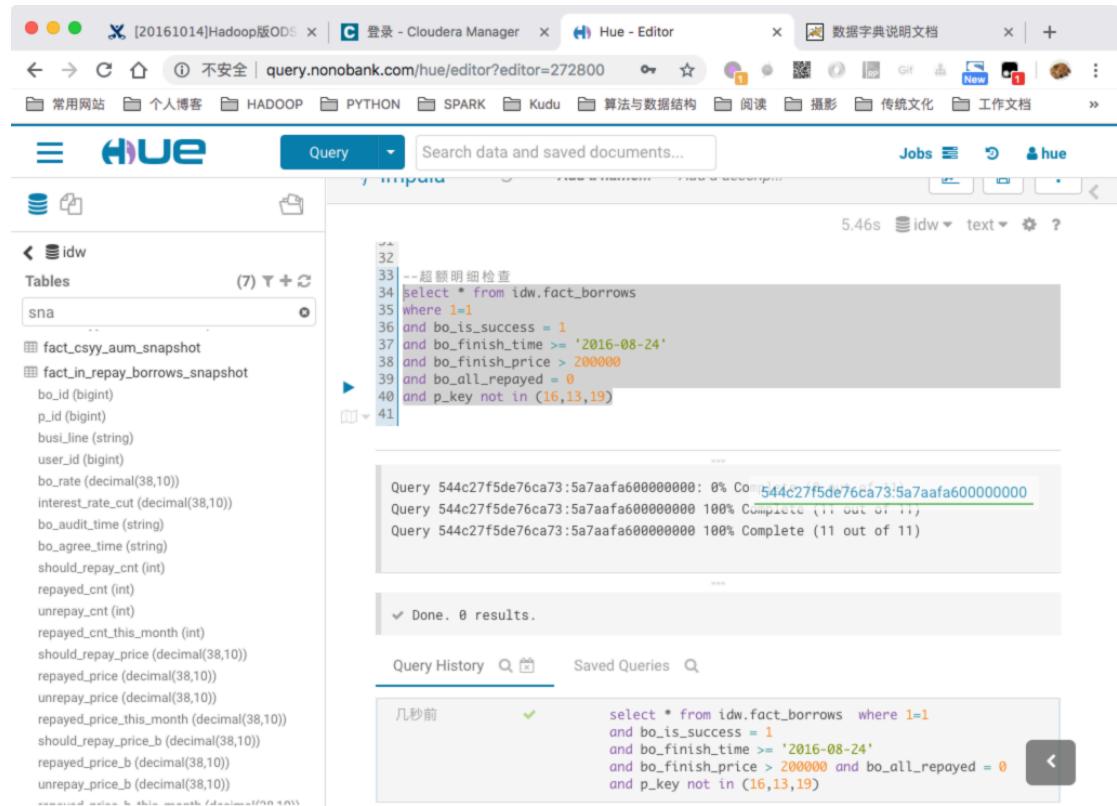
```
20 --超额: 大房东
21 SELECT sum(br.br_price_b)
22 from idw.fact_borrows_repayment br
23 left join idw.fact_borrows bo
24 on bo.bo_id = br.bo_id
25 where 1=1
26 and br.p_key = 13
27 and to_date(bo.bo_finish_time) <= '2017-06-30'
28 and (br.br_is_repay = 0 or to_date(br.br_repay_time) > '2017-06-30')
29
30
```

Below the query editor, the results pane shows the output of the query:

```
Query fb4c22cd4ee94061:cf275d5d00000000 100% C: fb4c22cd4ee94061:cf275d5d00000000
Query fb4c22cd4ee94061:cf275d5d00000000 100% Complete (3s out of 3s)
```

The results table shows one row with the value 835475833.3700000000.

9. 超额放款明细数据检查截图

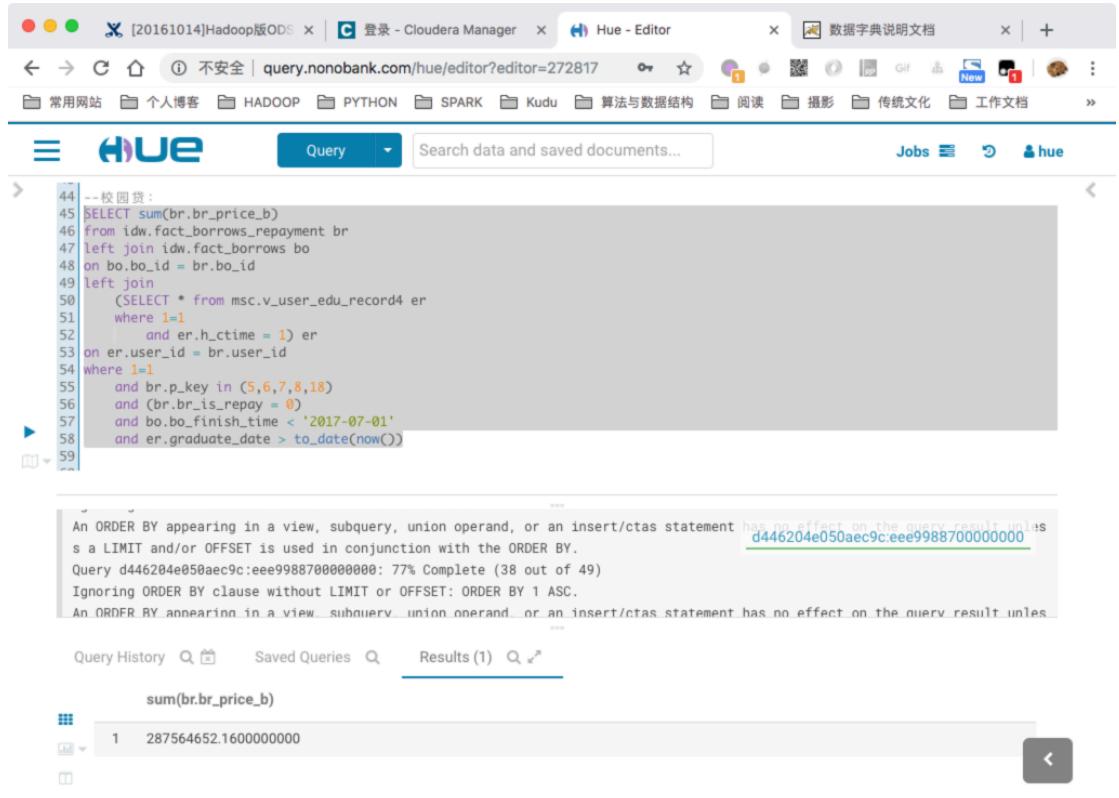


The screenshot shows the Hue Editor interface on a web browser. The title bar includes tabs for '[20161014]Hadoop版ODS', '登录 - Cloudera Manager', 'Hue - Editor', and '数据字典说明文档'. The main area is titled 'HUE' and shows a 'Query' tab selected. A search bar at the top right contains the placeholder 'Search data and saved documents...'. Below the search bar, a status bar shows '5.46s idw text' and a gear icon. The left sidebar is titled 'idw' and lists several tables under 'Tables': 'fact_csyy_aum_snapshot', 'fact_in_repay_borrows_snapshot', 'sna', 'bo_id (bigint)', 'p_id (bigint)', 'busi_line (string)', 'user_id (bigint)', 'bo_rate (decimal(38,10))', 'interest_rate_cut (decimal(38,10))', 'bo_audit_time (string)', 'bo_agree_time (string)', 'should_repay_cnt (int)', 'repayed_cnt (int)', 'unrepay_cnt (int)', 'repayed_cnt_this_month (int)', 'should_repay_price (decimal(38,10))', 'repayed_price (decimal(38,10))', 'unrepay_price (decimal(38,10))', 'repayed_price_this_month (decimal(38,10))', 'should_repay_price_b (decimal(38,10))', 'repayed_price_b (decimal(38,10))', and 'unrepay_price_b (decimal(38,10))'. The main query editor area contains the following SQL code:

```
32
33 --超额明细检查
34 select * from idw.fact_borrows
35 where 1=1
36 and bo_is_success = 1
37 and bo_finish_time >= '2016-08-24'
38 and bo_finish_price > 200000
39 and bo_all_repayed = 0
40 and p_key not in (16,13,19)
41
```

Below the query, the status bar shows 'Query 544c27f5de76ca73:5a7aafa600000000: 0% Co 544c27f5de76ca73:5a7aafa600000000'. The results section shows 'Done. 0 results.' and a history of the query: '几秒前' with a checkmark and the same SQL code.

10.校园贷 2017-07 前放款的贷余



The screenshot shows the Hue Editor interface on a Mac OS X desktop. The title bar includes the application name and a tab for 'Hue - Editor'. The main area is a code editor with the following SQL query:

```
44 --校园贷:
45 SELECT sum(br.br_price_b)
46 from idw.fact_borrows_repayment br
47 left join idw.fact_borrows bo
48 on bo.bo_id = br.bo_id
49 left join
50   (SELECT * from msc.v_user_edu_record4 er
51   where 1=1
52     and er.h_ctime = 1) er
53 on er.user_id = br.user_id
54 where 1=1
55   and br.p_key in (5,6,7,8,18)
56   and (br.br_is_repay = 0)
57   and bo.bo_finish_time < '2017-07-01'
58   and er.graduate_date > to_date(now())
59
```

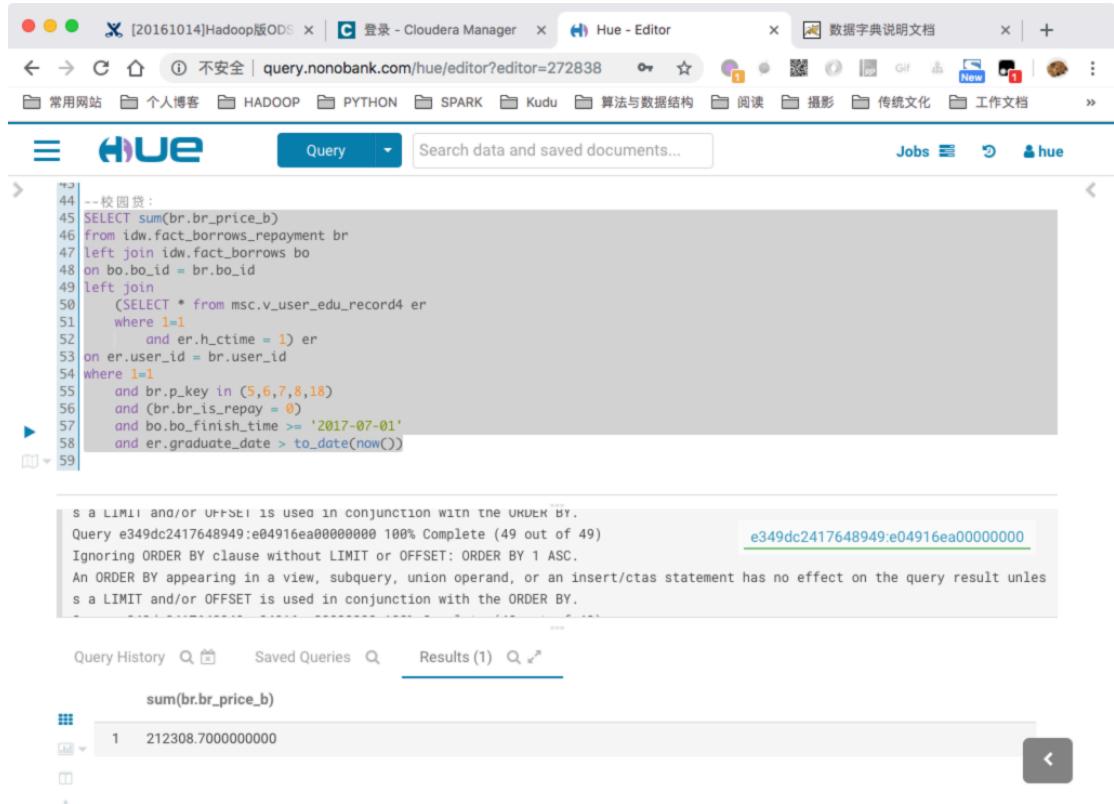
Below the code editor, a message box displays a warning about ORDER BY clauses:

An ORDER BY appearing in a view, subquery, union operand, or an insert/ctas statement has no effect on the query result unless a LIMIT and/or OFFSET is used in conjunction with the ORDER BY.
Query d446204e050aec9c:eee9988700000000: 77% Complete (38 out of 49)
Ignoring ORDER BY clause without LIMIT or OFFSET: ORDER BY 1 ASC.
An ORDER BY appearing in a view, subquery, union operand, or an insert/ctas statement has no effect on the query result unless...

At the bottom, there are tabs for 'Query History', 'Saved Queries', and 'Results (1)'. The results table shows one row:

	sum(br.br_price_b)
1	287564652.160000000

11.校园贷 2017-07 以后放款的贷余



The screenshot shows the Hue Editor interface with the following details:

Query Editor:

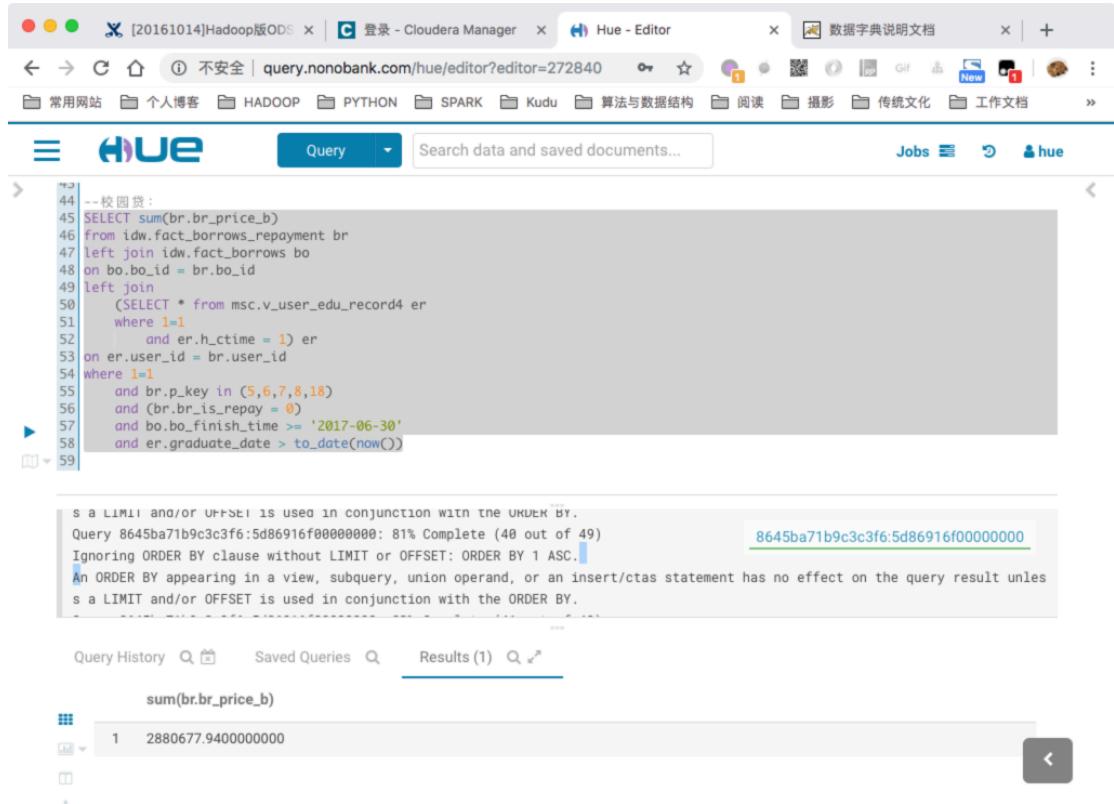
```
44 --校园贷:
45 SELECT sum(br.br_price_b)
46 from idw.fact_borrows_repayment br
47 left join idw.fact_borrows bo
48 on bo.bo_id = br.bo_id
49 left join
50   (SELECT * from msc.v_user_edu_record4 er
51   where 1=1
52     and er.h_ctime = 1) er
53 on er.user_id = br.user_id
54 where 1=1
55   and br.p_key in (5,6,7,8,18)
56   and (br.br_is_repay = 0)
57   and bo.bo_finish_time >= '2017-07-01'
58   and er.graduate_date > to_date(now())
59
```

Query Results:

sum(br.br_price_b)

1	212308.7000000000

12.校园贷 2017-06-30 以后放款的贷余



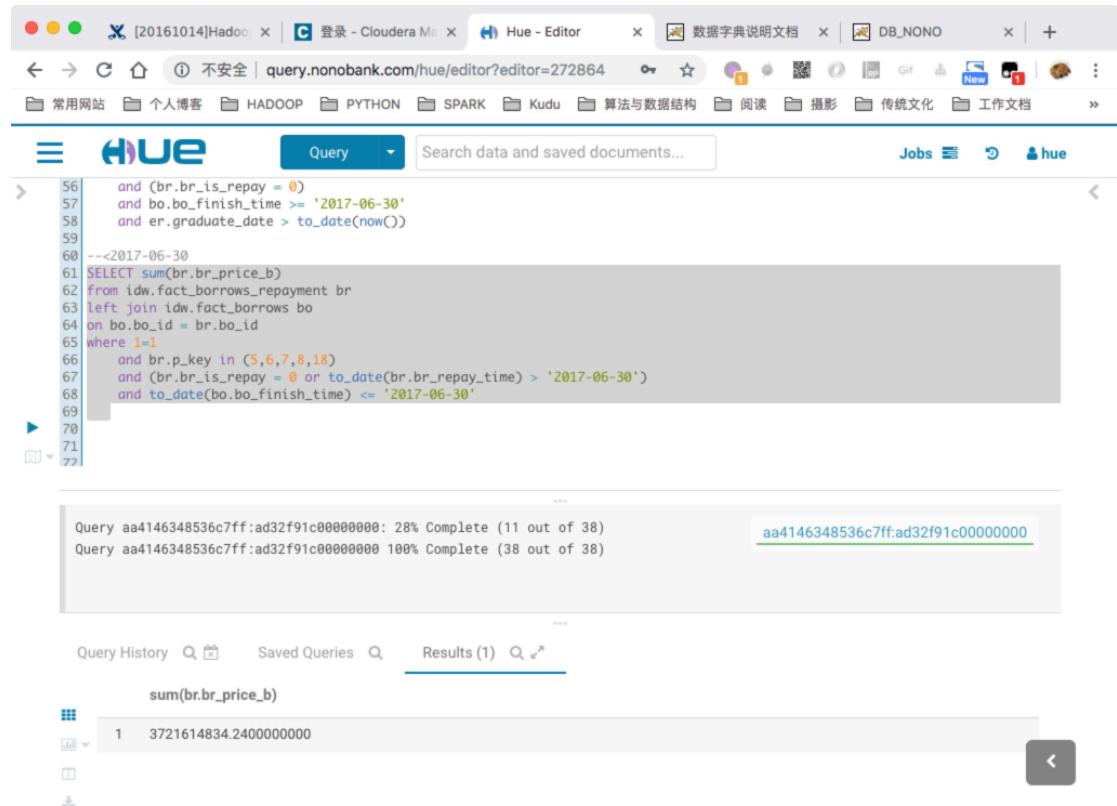
The screenshot shows the Hue Editor interface with a SQL query for calculating outstanding loans. The query is as follows:

```
44 --校园贷:
45 SELECT sum(br.br_price_b)
46 from idw.fact_borrows_repayment br
47 left join idw.fact_borrows bo
48 on bo.bo_id = br.bo_id
49 left join
50   (SELECT * from msc.v_user_edu_record4 er
51   where 1=1
52     and er.h_ctime = 1) er
53 on er.user_id = br.user_id
54 where 1=1
55   and br.p_key in (5,6,7,8,18)
56   and (br.br_is_repay = 0)
57   and bo.bo_finish_time >= '2017-06-30'
58   and er.graduate_date > to_date(now())
59
```

The results of the query are displayed in a table:

	sum(br.br_price_b)
1	2880677.940000000

13.校园贷 2017-06-30 以前放款的贷余



The screenshot shows the Hue Editor interface with a SQL query for campus loans. The query filters for loans made before June 30, 2017, and sums the loan amounts. The results show a single row with a value of 3721614834.2400000000.

```
56 and (br.br_is_repay = 0)
57 and bo.bo_finish_time >= '2017-06-30'
58 and er.graduate_date > to_date(now())
59
60 --<2017-06-30
61 SELECT sum(br.br_price_b)
62 from idw.fact_borrows_repayment br
63 left join idw.fact_borrows bo
64 on bo.bo_id = br.bo_id
65 where 1=1
66 and br.p_key in (5,6,7,8,18)
67 and (br.br_is_repay = 0 or to_date(br.br_repay_time) > '2017-06-30')
68 and to_date(bo.bo_finish_time) <= '2017-06-30'
69
70
71
72
```

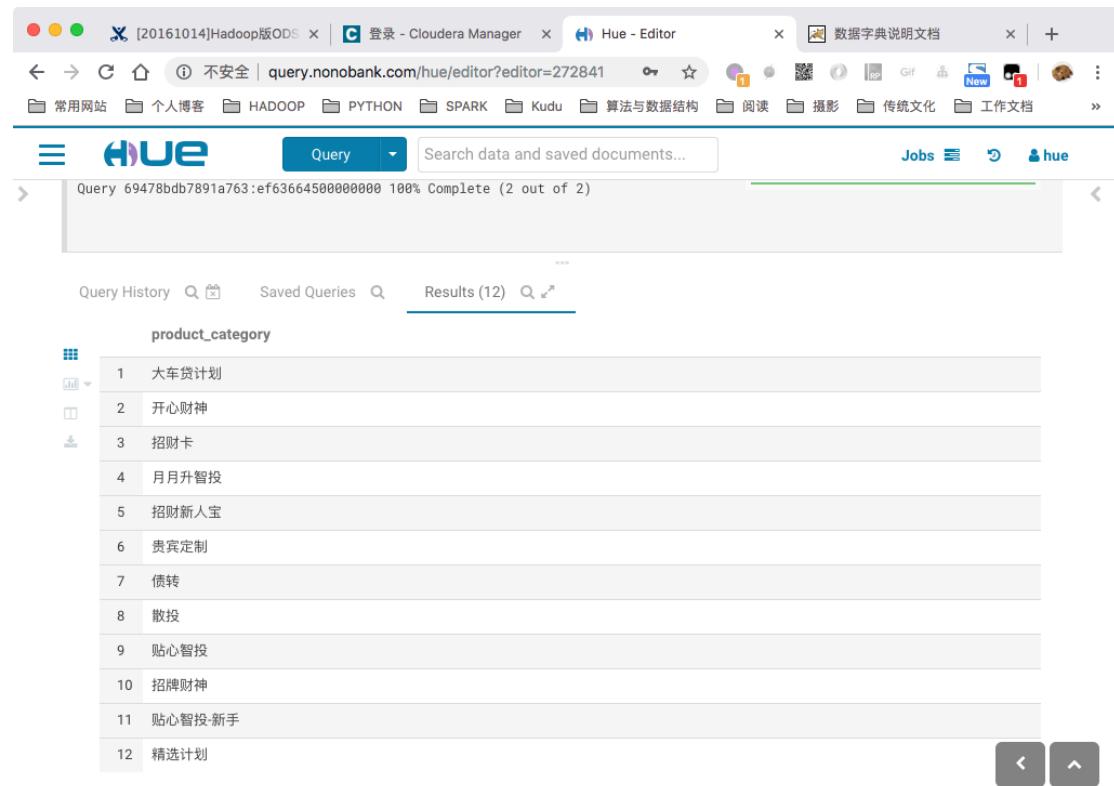
Query aa4146348536c7ff:ad32f91c00000000: 28% Complete (11 out of 38)
Query aa4146348536c7ff:ad32f91c00000000 100% Complete (38 out of 38)

aa4146348536c7ff:ad32f91c00000000

Query History Saved Queries Results (1)

	sum(br.br_price_b)
1	3721614834.2400000000

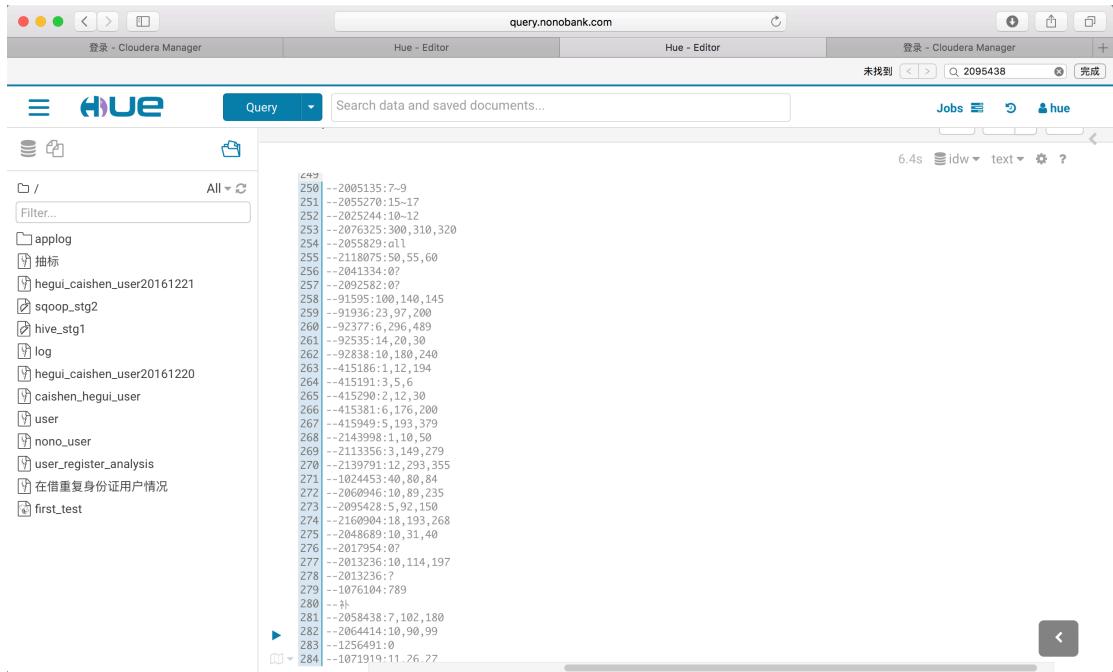
14. 在投名称分类



The screenshot shows the Hue Editor interface on a Mac OS X desktop. The title bar includes the window title "[20161014]Hadoop版ODS", the Cloudera Manager tab, and the Hue - Editor tab. The browser toolbar shows various icons for file operations and search. The main content area displays a query results table for the "product_category" table. The table has 12 rows, each containing a number from 1 to 12 and a corresponding category name. The categories listed are: 大车贷计划, 开心财神, 招财卡, 月月升智投, 招财新人宝, 贵宾定制, 债转, 散投, 贴心智投, 招牌财神, 贴心智投-新手, and 精选计划. The table has a header row and is presented in a clean, modern style with a light gray background and white text.

	product_category
1	大车贷计划
2	开心财神
3	招财卡
4	月月升智投
5	招财新人宝
6	贵宾定制
7	债转
8	散投
9	贴心智投
10	招牌财神
11	贴心智投-新手
12	精选计划

15. 抽标的随机数记录截图



The screenshot shows the Hue interface on a Mac OS X desktop. The window title is "query.nonobank.com". The left sidebar shows a tree view of HDFS paths: /, applog, 抽标 (selected), hegui_caishen_user20161221, sqoop_stg2, hive_stg1, log, hegui_caishen_user20161220, caishen_hegui_user, user, nono_user, user_register_analysis, 在借重复身份证用户情况, first_test. The main content area is a "Query" tab showing a list of 284 random numbers. The list starts with 250 and ends with 284. The numbers are preceded by a small blue triangle icon. The interface includes a search bar, a "Jobs" tab, and a status bar at the bottom indicating "6.4s" and "text".

Index	Value
250	--2005135:7-9
251	--2055270:15-17
252	--205244:10-12
253	--2076325:300,310,320
254	--2055820:511
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