

Do not use the `SequentialExecutor` in production. [Click here](#) for more information.

☒ Auto-refresh

| DAG | Owner | Runs | Schedule | Last Run | Next Run | Recent Tasks | Actions | Links |
|--|----------|---|-----------|----------|---------------------------|--|-----------------------------------|-------|
| <div><div></div><div>AGanshin001</div></div> | AGanshin | <div><div></div><div></div><div></div><div></div></div> | 0 6 * * * | | 2024-11-11, 06:00:00 | <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> | <div><div></div><div></div></div> | ... |
| <div><div></div><div>dataset_consumes_1</div><div>consumes dataset-scheduled</div></div> | airflow | <div><div></div><div></div><div></div><div></div></div> | Dataset | | On s3://dag1/output_1.txt | <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> | <div><div></div><div></div></div> | ... |
| <div><div></div><div>dataset_consumes_1_and_2</div><div>consumes dataset-scheduled</div></div> | airflow | <div><div></div><div></div><div></div><div></div></div> | Dataset | | 0 of 2 datasets updated | <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> | <div><div></div><div></div></div> | ... |
| <div><div></div><div>dataset_consumes_1_never_scheduled</div><div>consumes dataset-scheduled</div></div> | airflow | <div><div></div><div></div><div></div><div></div></div> | Dataset | | 0 of 2 datasets updated | <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> | <div><div></div><div></div></div> | ... |
| <div><div></div><div>dataset_consumes_unknown_never_scheduled</div><div>dataset-scheduled</div></div> | airflow | <div><div></div><div></div><div></div><div></div></div> | Dataset | | 0 of 2 datasets updated | <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> | <div><div></div><div></div></div> | ... |
| <div><div></div><div>dataset_produces_1</div><div>dataset-scheduled produces</div></div> | airflow | <div><div></div><div></div><div></div><div></div></div> | @daily | | 2024-11-11, 03:00:00 | <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> | <div><div></div><div></div></div> | ... |
| <div><div></div><div>dataset_produces_2</div><div>dataset-scheduled produces</div></div> | airflow | <div><div></div><div></div><div></div><div></div></div> | None | | | <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> | <div><div></div><div></div></div> | ... |
| <div><div></div><div>example_bash_operator</div><div>example example2</div></div> | airflow | <div><div></div><div></div><div></div><div></div></div> | 0 0 * * * | | 2024-11-11, 03:00:00 | <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> | <div><div></div><div></div></div> | ... |
| <div><div></div><div>example_branch_datetime_operator</div><div>example</div></div> | airflow | <div><div></div><div></div><div></div><div></div></div> | @daily | | 2024-11-11, 03:00:00 | <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> | <div><div></div><div></div></div> | ... |
| <div><div></div><div>example_branch_datetime_operator_2</div><div>example</div></div> | airflow | <div><div></div><div></div><div></div><div></div></div> | @daily | | 2024-11-11, 03:00:00 | <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> | <div><div></div><div></div></div> | ... |
| <div><div></div><div>example_branch_datetime_operator_3</div><div>example</div></div> | airflow | <div><div></div><div></div><div></div><div></div></div> | @daily | | 2024-11-11, 03:00:00 | <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> | <div><div></div><div></div></div> | ... |
| <div><div></div><div>example_branch_dop_operator_v3</div><div>example</div></div> | airflow | <div><div></div><div></div><div></div><div></div></div> | * * * * * | | 2024-11-12, 13:33:00 | <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> | <div><div></div><div></div></div> | ... |

root@DESKTOP-TIN8UGG:/home# ls

airflow dom spark

root@DESKTOP-TIN8UGG:/home# chmod -R 777 ./

root@DESKTOP-TIN8UGG:/home# spark-shell

/home/dom/airflow-venv/bin/spark-shell: line 60: /home/spark/bin/spark-submit: No such file or directory

root@DESKTOP-TIN8UGG:/home# chmod -R 777 ./

root@DESKTOP-TIN8UGG:/home# spark-shell

24/11/12 13:53:21 WARN Utils: Your hostname, DESKTOP-TIN8UGG resolves to a loopback address: 127.0.1.1; using 172.27.159.28 instead (on interface eth0)

24/11/12 13:53:21 WARN Utils: Set SPARK_LOCAL_IP if you need to bind to another address

Using Spark's default log4j profile: org/apache/spark/log4j-defaults.properties

Setting default log level to "WARN".

To adjust logging level use sc.setLogLevel(newLevel). For SparkR, use setLogLevel(newLevel).

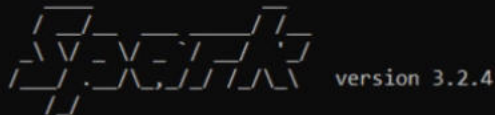
24/11/12 13:53:36 WARN NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

Spark context Web UI available at http://172.27.159.28:4040

Spark context available as 'sc' (master = local[*], app id = local-1717325616906).

Spark session available as 'spark'.

Welcome to



Using Scala version 2.12.17 (OpenJDK 64-Bit Server VM, Java 1.8.0_402)

Type in expressions to have them evaluated.

Type :help for more information.

scala>

To adjust logging level use `sc.setLogLevel(newLevel)`. For SparkR, use `setLogLevel(newLevel)`.

24/11/12 14:03:20 WARN NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

Spark context Web UI available at <http://172.27.159.28:4040>

Spark context available as 'sc' (master = local[*], app id = local-1717326200965).

Spark session available as 'spark'.

warning: one deprecation (since 2.0.0); for details, enable ``:setting -deprecation'` or ``:replay -deprecation'`

ERROR StatusLogger Log4j2 could not find a logging implementation. Please add log4j-core to the classpath. Using SimpleLogger to log to the console...

| Код предмета | Предмет | Учитель | Код студента | Фамилия студента | Имя студента |
|--------------|-------------------|---------|--------------|------------------|--------------|
| П01 | Проектирование БД | Моисеев | С01 | Рогов | Василий |
| null | null | null | С02 | Бахмутов | Павел |
| null | null | null | С03 | Васильев | Лев |
| П02 | Машинное обучение | Щербань | С02 | Бахмутов | Павел |
| null | null | null | С03 | Васильев | Лев |

24/11/12 14:03:27 WARN ExcelHeaderChecker: Number of column in Excel header is not equal to number of fields in the schema:

Header length: 6, schema size: 3

Excel file: file:///home/dom/Sem6.xlsx

24/11/12 14:03:27 WARN ExcelHeaderChecker: Number of column in Excel header is not equal to number of fields in the schema:

Header length: 6, schema size: 4

Excel file: file:///home/dom/Sem6.xlsx

task 1

00:00:05

root@DESKTOP-TIN8UGG: /home#

```
1 export SPARK_HOME=/home/spark && export PATH=$PATH:$SPARK_HOME/bin:$SPARK_HOME/sbin && spark-shell -i /home/dcm/d3.scala --conf "spark.driver.extraJavaOptions=-Df
2
3
4 import org.apache.spark.internal.Logging
5 import org.apache.spark.sql.functions.{col, collect_list, concat_ws}
6 import org.apache.spark.sql.{DataFrame, SparkSession}
7 import org.apache.spark.sql.functions._
8 import org.apache.spark.sql.expressions.Window
9 import org.apache.spark.sql.functions.date_format
10
11 val t1 = System.currentTimeMillis()
12 if(l==1){
13   var df1 = spark.read.format("com.crealytics.spark.excel")
14     .option("sheetName", "sheet1")
15     .option("useHeader", "false")
16     .option("treatEmptyValuesAsNulls", "false")
17     .option("inferSchema", "true").option("addColorColumns", "true")
18     .option("usePlainNumberFormat", "true")
19     .option("startColumn", 0)
20     .option("endColumn", 99)
21     .option("timestampFormat", "MM-dd-yyyy HH:mm:ss")
22     .option("maxRowsInMemory", 20)
23     .option("excerptSize", 10)
24     .option("header", "true")
25     .format("excel")
26     .load("/home/dcm/d3.xlsx")
27   df1.write.format("jdbc").option("url","jdbc:mysql://localhost:33061/spark?user=Airflow&password=1")
28     .option("driver","com.mysql.cj.jdbc.Driver").option("dbtable","s3_1")
29     .mode("overwrite").save()
30
31   val q = ""
32   SELECT ID_Txket,
33   FROM UNIXTIME(Status Time) Status Time,
34   (LEAD(Status Time) OVER(PARTITION BY ID_Txket ORDER BY Status Time)-Status Time)/3600 Длительность,
35   CASE WHEN Cratyc IS NULL THEN @PREV1 ELSE @PREV1 ELSE Cratyc END Cratyc,
36   CASE WHEN Группа IS NULL THEN @PREV2 ELSE @PREV2 ELSE Группа END Группа,
37   Назначение
38   FROM (
39     SELECT ID_Txket, Status Time, Cratyc, IF(ROW_NUMBER() OVER(PARTITION BY ID_Txket ORDER BY Status Time)=1 AND Назначение IS NULL, '',Группа) Группа, На
40   FROM (
41     SELECT DISTINCT a.objectid ID_Txket, a.restime Status Time, Cratyc, Группа, Назначение,(SELECT @PREV1:='',(SELECT @PREV2:='')
42   FROM (
43     SELECT DISTINCT objectid, restime
44     FROM spark.s3_1
45     WHERE fieldname IN ('qname2','status')
46   ) a
47   LEFT JOIN (
48     SELECT DISTINCT objectid, restime, fieldvalue Cratyc
49     FROM spark.s3_1
50     WHERE fieldname IN ('status')
```

Результаты поиска (совпадений: 1)

Поиск "xlsx" (найдено 1 совпадений в 1 файлах из 1)

\\ws1.localhost\Ubuntu\home\dom\d3.scala (совпадений: 1)

Строка 26: .load("/home/dcm/d3.xlsx")

```
root@DESKTOP-TIN8UGG:/home# export SPARK_HOME=/home/spark && export PATH=$PATH:$SPARK_HOME/bin:$SPARK_HOME/sbin && spark-shell -i /home/dom/d3.scala --conf "spark.driver.extraJavaOptions=-Dfile.encoding=utf-8"
24/11/12 14:36:08 WARN Utils: Your hostname, DESKTOP-TIN8UGG resolves to a loopback address: 127.0.1.1; using 172.27.159.28 instead (on interface eth0)
24/11/12 14:36:08 WARN Utils: Set SPARK_LOCAL_IP if you need to bind to another address
Using Spark's default log4j profile: org/apache/spark/log4j-defaults.properties
Setting default log level to "WARN".
To adjust logging level use sc.setLogLevel(newLevel). For SparkR, use setLogLevel(newLevel).
24/11/12 14:36:22 WARN NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
Spark context Web UI available at http://172.27.159.28:4040
Spark context available as 'sc' (master = local[*], app id = local-1717328183198).
Spark session available as 'spark'.
ERROR StatusLogger Log4j2 could not find a logging implementation. Please add log4j-core to the classpath. Using SimpleLogger to log to the console...
00:00:04
root@DESKTOP-TIN8UGG:/home#
```



▼ Unnamed-1

- > Airflow
- > information_sch...
- > mysql
- > performance_sc...
- ▼ spark 96,0 KiB
 - d6_1 16,0 KiB
 - d6_2 16,0 KiB
 - s3_1 16,0 KiB
 - s3_2 16,0 KiB
 - s3_3 16,0 KiB
 - s3_4 16,0 KiB**
- > sys

spark.s3_4: 2 строк (точно)

| # | ID_Тикет | Статус |
|---|----------|--|
| 1 | 15 | 23.05.2022 02.37 Н ЦМик\СДиА 23.05.2... |
| 2 | 16 | 01.08.2022 01.17 3 01.08.2022 01.17 ... |


```
root@DESKTOP-TIN8UGG: /home/dom
root@DESKTOP-TIN8UGG:/home/dom# python3 d4.py
24/06/02 14:49:31 WARN Utils: Your hostname, DESKTOP-TIN8UGG resolves to a loopback address: 127.0.1.1; using 172.27.159.28 instead (on interface eth0)
24/11/12 14:49:31 WARN Utils: Set SPARK_LOCAL_IP if you need to bind to another address
Using Spark's default log4j profile: org/apache/spark/log4j-defaults.properties
Setting default log level to "WARN".
To adjust logging level use sc.setLogLevel(newLevel). For SparkR, use setLogLevel(newLevel).
24/11/12 14:49:41 WARN NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
ERROR StatusLogger Log4j2 could not find a logging implementation. Please add log4j-core to the classpath. Using SimpleLogger to log to the console...
finished 00:00:19
root@DESKTOP-TIN8UGG:/home/dom#
```

Unnamed-1

Airflow

information_sch...

mysql

performance_sc...

spark

d4_1

d4_2

d4_3

d6_1

d6_2

s3_1

s3_2

s3_3

s3_4

sys

spark.d4_3_92 строк (точка)

| # | № | Месяц | Сумма платежа | Платеж по основному долгу | Платеж по процентам | Остаток долга | проценты | дата |
|----|----|------------|---------------|---------------------------|---------------------|---------------|-----------|-----------|
| 1 | 3 | 2024-06-30 | 150 800 | 45 605,5 | 84 294,5 | 9 207 730 | 84 294,5 | 65 605,5 |
| 2 | 2 | 2024-07-25 | 150 800 | 88 897,8 | 81 182,1 | 9 328 870 | 145 497 | 134 503 |
| 3 | 3 | 2024-08-25 | 150 800 | 60 613 | 83 167 | 9 262 060 | 246 684 | 201 316 |
| 4 | 4 | 2024-09-25 | 150 800 | 87 412,9 | 82 587,1 | 9 194 580 | 331 271 | 268 729 |
| 5 | 5 | 2024-10-25 | 150 800 | 70 062,7 | 79 337,3 | 9 123 920 | 430 608 | 339 392 |
| 6 | 6 | 2024-11-25 | 150 800 | 86 652,4 | 81 347,4 | 9 055 270 | 481 955 | 408 845 |
| 7 | 7 | 2024-12-25 | 150 800 | 71 873,2 | 78 126,8 | 8 983 380 | 570 082 | 479 918 |
| 8 | 8 | 2025-01-25 | 150 800 | 69 737,3 | 80 262,7 | 8 913 660 | 650 345 | 549 655 |
| 9 | 9 | 2025-02-25 | 150 800 | 70 322,4 | 79 677,4 | 8 843 330 | 730 022 | 619 878 |
| 10 | 10 | 2025-03-25 | 150 800 | 70 605,2 | 71 394,8 | 8 764 730 | 811 417 | 699 583 |
| 11 | 11 | 2025-04-25 | 150 800 | 71 663,4 | 78 336,6 | 8 682 040 | 879 754 | 770 246 |
| 12 | 12 | 2025-05-25 | 150 800 | 74 814,8 | 75 185,2 | 8 618 250 | 954 939 | 845 161 |
| 13 | 13 | 2025-06-25 | 150 800 | 72 982,1 | 77 017,9 | 8 545 270 | 1 031 960 | 919 843 |
| 14 | 14 | 2025-07-25 | 150 800 | 76 102,4 | 73 897,6 | 8 469 140 | 1 115 800 | 994 146 |
| 15 | 15 | 2025-08-25 | 150 800 | 74 324,3 | 75 675,7 | 8 394 840 | 1 181 530 | 1 068 470 |
| 16 | 16 | 2025-09-25 | 150 800 | 74 993,4 | 75 016,6 | 8 319 850 | 1 236 540 | 1 143 460 |
| 17 | 17 | 2025-10-25 | 150 800 | 78 066,3 | 71 933,7 | 8 241 780 | 1 328 470 | 1 221 530 |
| 18 | 18 | 2025-11-25 | 150 800 | 76 371,4 | 73 628,6 | 8 165 410 | 1 462 100 | 1 297 800 |
| 19 | 19 | 2025-12-25 | 150 800 | 79 411,8 | 70 588,1 | 8 086 060 | 1 472 690 | 1 377 310 |
| 20 | 20 | 2026-01-25 | 150 800 | 77 773,8 | 72 226,2 | 8 008 220 | 1 544 910 | 1 455 190 |
| 21 | 21 | 2026-02-25 | 150 800 | 70 474 | 71 326 | 7 929 750 | 1 616 440 | 1 503 360 |
| 22 | 22 | 2026-03-25 | 150 800 | 86 634 | 63 966 | 7 842 720 | 1 680 410 | 1 619 580 |
| 23 | 23 | 2026-04-25 | 150 800 | 79 955 | 70 045 | 7 763 760 | 1 750 450 | 1 699 550 |
| 24 | 24 | 2026-05-25 | 150 800 | 82 911,1 | 67 088,9 | 7 680 850 | 1 817 540 | 1 782 460 |
| 25 | 25 | 2026-06-25 | 150 800 | 81 421,3 | 67 599 430 | 7 599 430 | 1 886 120 | 1 663 880 |
| 26 | 26 | 2026-07-25 | 150 800 | 84 342,5 | 65 657,1 | 7 513 050 | 1 951 790 | 1 948 220 |
| 27 | 27 | 2026-08-25 | 150 800 | 82 913,8 | 67 086,4 | 7 432 170 | 2 018 660 | 2 011 140 |
| 28 | 28 | 2026-09-25 | 150 800 | 83 663,1 | 66 336,9 | 7 348 510 | 2 085 200 | 2 114 800 |
| 29 | 29 | 2026-10-25 | 150 800 | 85 529,5 | 63 471,1 | 7 261 960 | 2 148 620 | 2 201 320 |
| 30 | 30 | 2026-11-25 | 150 800 | 84 837,8 | 64 837,8 | 7 176 760 | 2 213 480 | 2 286 520 |
| 31 | 31 | 2026-12-25 | 150 800 | 80 625 | 61 975 | 7 088 770 | 2 275 490 | 2 374 340 |
| 32 | 32 | 2027-01-25 | 150 800 | 86 751,7 | 63 248,3 | 7 002 010 | 2 336 700 | 2 461 300 |
| 33 | 33 | 2027-02-25 | 150 800 | 87 532,7 | 62 467,3 | 6 914 480 | 2 481 170 | 2 548 820 |
| 34 | 34 | 2027-03-25 | 150 800 | 84 289,7 | 57 710,3 | 6 830 180 | 2 456 880 | 2 643 120 |
| 35 | 35 | 2027-04-25 | 150 800 | 89 164,4 | 60 830,4 | 6 751 020 | 2 537 730 | 2 732 260 |
| 36 | 36 | 2027-05-25 | 150 800 | 91 906,7 | 58 091,3 | 6 669 110 | 2 575 800 | 2 824 200 |
| 37 | 37 | 2027-06-25 | 150 800 | 80 799,8 | 59 280,2 | 6 548 310 | 2 635 000 | 2 915 100 |
| 38 | 38 | 2027-07-25 | 150 800 | 83 900,5 | 56 495,5 | 6 454 810 | 2 681 500 | 3 008 500 |
| 39 | 39 | 2027-08-25 | 150 800 | 82 439 | 57 541 | 6 362 350 | 2 749 040 | 3 100 960 |
| 40 | 40 | 2027-09-25 | 150 800 | 83 261,4 | 56 738,6 | 6 269 040 | 2 815 750 | 3 194 250 |
| 41 | 41 | 2027-10-25 | 150 800 | 85 931,5 | 54 066,6 | 6 173 120 | 2 859 620 | 3 290 180 |
| 42 | 42 | 2027-11-25 | 150 800 | 84 994,8 | 55 015,1 | 6 078 140 | 2 934 620 | 3 385 180 |
| 43 | 43 | 2027-12-25 | 150 800 | 87 596,8 | 52 483,1 | 5 980 540 | 2 967 230 | 3 482 770 |
| 44 | 44 | 2028-01-25 | 150 800 | 86 946,1 | 53 153,9 | 5 883 680 | 3 030 380 | 3 579 820 |
| 45 | 45 | 2028-02-25 | 150 800 | 87 740,8 | 52 256,2 | 5 785 950 | 3 072 640 | 3 677 360 |
| 46 | 46 | 2028-03-25 | 150 800 | 101 936 | 48 063,9 | 5 684 010 | 3 120 700 | 3 779 300 |

X Ошибка: Регулярное выражение

```
195 SELECT tc.CONSTRAINT_NAME, cc.CHECK_CLAUSE FROM 'information_schema'.CHECK_CONSTRAINTS AS cc, 'information_schema'.TABLE_CONSTRAINTS AS tc WHERE tc.CONSTR
197 SELECT * FROM 'spark'. 'd4_3' LIMIT 1000;
198 SHOW CREATE TABLE 'spark'. 'd4_3';
199 SELECT * FROM 'spark'. 'd4_3' LIMIT 1000;
```