

5. sprawozdanie z laboratorium Hurtownie Danych

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1 Zadanie 1 - Przygotowanie powtarzalności procesu ETL

```
1 IF EXISTS (  
2     SELECT  
3         *  
4     FROM  
5         INFORMATION_SCHEMA.TABLE_CONSTRAINTS  
6     WHERE  
7         CONSTRAINT_SCHEMA = 'Kubs'  
8         AND CONSTRAINT_NAME = 'FK_FACT_SALES_DIM_CUSTOMER'  
9         AND TABLE_NAME = 'FACT_SALES'  
10 )  
11 ALTER TABLE  
12     Kubs.FACT_SALES DROP CONSTRAINT FK_FACT_SALES_DIM_CUSTOMER;  
13  
14 IF EXISTS (  
15     SELECT  
16         *  
17     FROM  
18         INFORMATION_SCHEMA.TABLE_CONSTRAINTS  
19     WHERE  
20         CONSTRAINT_SCHEMA = 'Kubs'  
21         AND CONSTRAINT_NAME = 'FK_FACT_SALES_DIM_PRODUCT'  
22         AND TABLE_NAME = 'FACT_SALES'  
23 )  
24 ALTER TABLE  
25     Kubs.FACT_SALES DROP CONSTRAINT FK_FACT_SALES_DIM_PRODUCT;  
26
```

```

27 IF EXISTS (
28     SELECT
29         *
30     FROM
31         INFORMATION_SCHEMA.TABLE_CONSTRAINTS
32     WHERE
33         CONSTRAINT_SCHEMA = 'Kubs'
34         AND CONSTRAINT_NAME = 'FK_FACT_SALES_DIM_SALESPERSON'
35         AND TABLE_NAME = 'FACT_SALES'
36 )
37 ALTER TABLE
38     Kubs.FACT_SALES DROP CONSTRAINT FK_FACT_SALES_DIM_SALESPERSON;
39
40 DROP TABLE IF EXISTS Kubs.FACT_SALES;
41
42 DROP TABLE IF EXISTS Kubs.DIM_CUSTOMER;
43
44 DROP TABLE IF EXISTS Kubs.DIM_PRODUCT;
45
46 DROP TABLE IF EXISTS Kubs.DIM_SALESPERSON;
47
48 DROP TABLE IF EXISTS Kubs.DIM_TIME;
49
50 DROP TABLE IF EXISTS Kubs.Helper_Months;
51
52 DROP TABLE IF EXISTS Kubs.Helper_Weekdays;

```

2 Zadanie 2 - Wymiar czasowy

3 Zadanie 3 - Elementarne czyszczenie danych

4 Zadanie 4 - Proces Extact - Transform - Load

5 Zadanie 5 - ETL (prawie) bez SQLa

6 Wnioski