

oracle 创建函数判断是否为日期或数字格式

参考: <https://blog.csdn.net/fujianianhua/article/details/7954897>

1- 判断是否日期类型

用一下函数可以进行判断, 把垃圾数据给删掉

```
CREATE OR REPLACE FUNCTION is_date (datestr VARCHAR2, format VARCHAR2)
RETURN INT
IS
p_date    DATE;
BEGIN
SELECT TO_DATE (datestr, format)
INTO p_date
FROM DUAL;
RETURN 1;
EXCEPTION
WHEN OTHERS
THEN
RETURN 0;
END;
```

用法:

```
is_date(column_name, 'yyyymmdd')=1
```

or

```
CREATE OR REPLACE FUNCTION is_date(parmin VARCHAR2) RETURN NUMBER IS
    val DATE;
BEGIN
    val := to_date(nvl(parmin, 'a'), 'yyyy-MM-dd');
    RETURN 1;
EXCEPTION
    WHEN OTHERS THEN
        RETURN 0;
END;
```

2- 判断是否number类型

```
CREATE OR REPLACE FUNCTION ISNUMBER( C VARCHAR2)
RETURN NUMBER
IS
N NUMBER;
BEGIN
    BEGIN
        N := TO_NUMBER(NVL(C, 'a'));
    EXCEPTION WHEN OTHERS THEN
        RETURN 0;
    END;
    RETURN 1;
END;
```