

Przykład funkcji tabelowej na podstawie materiałów Pana Bartłomieja Jabłońskiego z Uniwersytetu Łódzkiego

http://www.ploug.org.pl/konf_05/materialy/pdf/06.pdf

```
drop function DASales;

drop type TTDASales;

drop type TDASales;

drop table sales;

create table sales ( cust_id number, time_id number);

insert into sales values (1,2);

insert into sales values (1,3);

insert into sales values (1,4);

insert into sales values (2,2);

insert into sales values (2,3);

insert into sales values (2,5);

commit;

SELECT distinct s1.cust_id, s1.time_id
FROM sales s1, sales s2, sales s3
WHERE s1.cust_id = s2.cust_id
AND s1.cust_id = s3.cust_id
AND s1.time_id = s2.time_id - 1
AND s1.time_id = s3.time_id - 2;

create or replace type TDASales is object(
cust_id number,
time_id number
);
/

create or replace type TTDASales is table of TDASales;
/

create or replace function DASales(NumDays in number)
return TTDASales pipelined is
last_cust number;
last_time number;
cnt number;

begin
cnt := 0;
for rec in (SELECT distinct cust_id, time_id
FROM sales
ORDER BY cust_id, time_id) loop
if (rec.cust_id = last_cust) and (rec.time_id = last_time + cnt) then
cnt := cnt + 1;
if cnt >= NumDays then
pipe row (TDASales(last_cust, last_time + cnt-NumDays));
end if;
else
last_cust := rec.cust_id;
last_time := rec.time_id;
cnt := 1;
end if;
end loop;
return;
end DASales;
/
sho err

SELECT *
FROM TABLE(DASales(3));
```