

# USE OF PIVOT

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POLICY_NUM	COVERAGE_NO	PREM
P1	C4	150
P2	C5	250
P1	C1	100
P1	C2	100
P2	C1	100
P2	C3	100
P1	C3	100

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with

```
A as (select Policy_num, count(1) as cnnt, sum(Prem) as summ from
Premium group by Policy_num),
B as (SELECT * FROM
      (SELECT Policy_num, Coverage_no FROM Premium)
      PIVOT
      (
        COUNT(Coverage_no)
        FOR Coverage_no IN ('C1' C1, 'C2' C2, 'C3' C3, 'C4' C4, 'C5' C5)
      )
      ORDER BY Policy_num)
select B.Policy_num "Policy", A.cnnt "Tot_Cov", B.C1, B.C2, B.C3, B.C4,
B.C5, A.summ "Tot_Prem" from A, B where A.Policy_num = B.Policy_num;
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Policy	Tot_Cov	C1	C2	C3	C4	C5	Tot_Prem
P1	4	1	1	1	1	0	450
P2	3	1	0	1	0	1	450

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# USE OF CONNECT BY

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POLICY_NUM	START_DATE	END_DATE	PREM
PC2	01-JAN-24	31-MAY-24	120
PC1	01-JAN-23	31-MAR-23	120

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select
    level lvl,
    policy_num Policy,
    add_months(Start_Date, level-1) as "_Start_Date_",
    add_months(Start_Date, level)-1 as "_End_Date_",
    Prem/round(months_between(End_Date,Start_Date)) as "Premiumm"
from Prm_prd
connect by rowid = prior rowid and level < round(months_between(End_Date,
Start_Date)+1)
    and prior sys_guid() is not null
order by Policy, lvl;
```

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LVL	POLICY	_Start_Date_	_End_Date_	Premiumm
1	PC1	01-Jan-23	31-Jan-23	40
2	PC1	01-Feb-23	28-Feb-23	40
3	PC1	01-Mar-23	31-Mar-23	40
1	PC2	01-Jan-24	31-Jan-24	24
2	PC2	01-Feb-24	29-Feb-24	24
3	PC2	01-Mar-24	31-Mar-24	24
4	PC2	01-Apr-24	30-Apr-24	24
5	PC2	01-May-24	31-May-24	24

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