**Create a stored procedure that can determine the market badge based on the following logic:**

**If total\_sold\_quantity>5 million,**

**That market is considered “Gold”**

**Else the market is “Silver”**

**Input:**

1. **market**
2. **fiscal\_year**

**Output:**

1. **Market Badge**

**Step-by-Step Query Construction to Generate the Report**

Select sum(s.sold\_quantity) as total\_quantity

From fact\_sales\_monthly s join dim\_customer c

on s.custome\_code = c.customer\_code

where get\_fiscal\_year(s.date) = 2021

and c.market = “India”

group by c.market;

CREATE PROCEDURE ‘get\_market\_badge’

(

IN in\_market varchar(45),

IN in\_fiscal\_year year,

OUT out\_badge varchar(45)

)

BEGIN

DECLARE qty int default=0

# set default market to be India

If in\_market = “ “ then

set in\_market=”India”;

Endif;

Select sum(s.sold\_quantity) into qty from

fact\_sales\_monthly s

Join dim\_customer c

On s.customer\_code = c.customer\_code

Where

get\_fiscal\_year(s.date) = in\_fiscal\_year

And c.market = in\_market

Group by c.market;

# determine market badge

If qty > 5000000 then

Set out\_badge = “Gold”

Else

Set out\_badge = “Silver”

Endif;

END

**Benefits of using stored procedure**

1. Convenient way of running bunch of statements and generate reports
2. Secutiry, limited access
3. Maintainability/modularize
4. Compiled once already, hence faster
5. Developer productivity