# SQL Assignment 102

**Answer 1 Code :**

SELECT ims\_id FROM training\_data2 as T2

inner join training\_data3 as T3

on T2.Spec=T3.IMS\_Specialty

WHERE Specialty\_Group='OTHER' and Territory\_ID IN('C60401', 'C60402')

**Answer 2 Code :**

SELECT Territory\_ID,SUM(TRX\_Qty) as Total\_sales,DATENAME(MM,cal\_dt)as Months FROM training\_data1 as T1

inner join training\_data2 as T2

on T1.ims\_id=T2.ims\_id

GROUP BY Territory\_ID, cal\_dt

**Answer 3 Code:**

SELECT ROUND(AVG(TRX\_Qty),2) as Sales\_Average,datename(month,cal\_dt), Territory\_ID as Months FROM training\_data1 as T1

inner join training\_data2 as T2

on T1.ims\_id=t2.ims\_id

WHERE spec in('ADM','AI')

GROUP BY datename(month,cal\_dt), Territory\_ID

**Answer 4 Code:**

SELECT Territory\_ID, sum(TRX\_Qty) as Total\_sales FROM training\_data1 as T1

inner join training\_data2 as T2

on T1.ims\_id=T2.ims\_id

WHERE trgt\_flg=1 and cal\_dt >'2012-06-01 00:00:00'

GROUP BY Territory\_ID

**Answer 5 Code:**

SELECT COUNT(ims\_id) as ims\_id\_count, Specialty\_Group FROM training\_data2 as T2

inner join training\_data3 as T3

on T2.Spec=T3.IMS\_Specialty

GROUP BY Specialty\_Group

**Answer 6 Code:**

SELECT DISTINCT(ims\_id),TRX\_Qty as Sales FROM training\_data1

where cal\_dt ='2012-10-01 00:00:00'

ORDER BY TRX\_Qty DESC;

**Answer 7 Code:**

SELECT COUNT(TRX\_Qty) as Number\_of\_Target, Territory\_ID FROM training\_data1 as T1

join training\_data2 as T2

on T1.ims\_id=T2.ims\_id

WHERE Territory\_ID='C60401'

GROUP BY Territory\_ID

**Answer 8 Code:**

SELECT COUNT(TRX\_Qty) as Number\_of\_Target, Territory\_ID FROM training\_data1 as T1

join training\_data2 as T2

on T1.ims\_id=T2.ims\_id

GROUP BY Territory\_ID

--Max number of target is 124 for C60404

--Total TRX\_Qty for the same

SELECT SUM(TRX\_Qty) as Total\_sales, Territory\_ID FROM training\_data1 as T1

join training\_data2 as T2

on T1.ims\_id=T2.ims\_id

WHERE Territory\_ID ='C60404'

GROUP BY Territory\_ID

**Answer 9 Code:**

ALTER TABLE training\_data1

ADD spec\_codes varchar(20);

UPDATE training\_data1

SET spec\_codes=training\_data2.Spec

FROM training\_data2 inner join

training\_data1 on

training\_data1.ims\_id=training\_data2.ims\_id;

SELECT \* FROM training\_data1

**Answer 10 Code:**

select top 1 sum(trx\_qty), training\_data1.ims\_id,territory\_id,spec

into mytable from training\_data1 left outer join training\_data2 as T2

on training\_data1.ims\_id=T2.ims\_id

group by training\_data1.ims\_id,territory\_id,spec;

SELECT ims\_id,territory\_id,spec FROM mytable;

**Answer 11 Code:**

SELECT ims\_id,SUM(TRX\_Qty) as Sale FROM training\_data1

GROUP BY ims\_id

having SUM(TRX\_Qty)=0

**Answer 12 Code:**

SELECT COUNT( DISTINCT(Territory\_ID)) as Territory\_with\_zero\_sale from training\_data1 as T1

inner join training\_data2 as T2

on T1.ims\_id=T2.ims\_id

WHERE TRX\_Qty=0

**Answer 13 Code:**

SELECT COUNT(Territory\_ID) as Territory\_with\_high\_sale from training\_data1 as T1

inner join training\_data2 as T2

on T1.ims\_id=T2.ims\_id

WHERE TRX\_Qty>500

**Answer 14 Code:**

SELECT COUNT(TRX\_Qty) as Sale\_Greater\_than\_50 from training\_data1 as T1

inner join training\_data2 as T2

on T1.ims\_id=T2.ims\_id

WHERE TRX\_Qty>50 and Territory\_ID='C60402'

**Answer 15 Code:**

SELECT training\_data2.ims\_id, isnull(sum(trx\_Qty),0) as sales

from training\_data2 left join

training\_data1 on

training\_data2.ims\_id=training\_data1.ims\_id

group by training\_data2.ims\_id;