

1.

Score: 80%

4/5 points

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Which region has the lowest proportion of sales reps to accounts?

☒ Midwest

☐ West

☐ Southeast

☐ Northeast

0/1 point

```
SELECT region.name as region_name,  
COUNT(*) as number_sales_reps  
FROM sqlchallenge1.region region  
JOIN sqlchallenge1.sales_reps sales_reps  
ON sales_reps.region_id = region.id  
GROUP BY region.name  
ORDER BY number_sales_reps;
```

Data	Fields	Source
	region_name	number_sales_reps
1	Midwest	9
2	Southeast	10
3	West	10
4	Northeast	21

2.

```
select rep.name,sum(total) from sqlchallenge1.orders o
inner join sqlchallenge1.accounts a on a.id=o.account_id
inner join sqlchallenge1.sales_reps rep on a.sales_rep_id=rep.id
where rep.name in ('Tia Amato','Delilah Krum','Soraya Fulton') and extract(month from
o.occurred_at)=9 and extract(year from o.occurred_at)=2016
group by rep.name
order by sum(total) desc
```

Data	Fields	Source
	name	sum
1	Tia Amato	6202
2	Delilah Krum	5302
3	Soraya Fulton	4047

Among sales reps Tia Amato, Delilah Krum, and Soraya Fulton, which one had accounts with the greatest total quantity ordered (not USD) in September 2016?

☒ Tia Amato

☐ Delilah Krum

☐ Soraya Fulton

1/1 point

3.

Of accounts served by sales reps in the northeast, one account has never bought any posters. Which company? (Enter 'name'.)

☐ Goldman Sachs Group

☐ Under Armour

☒ Exxon Mobil

☐ Universal Health Services

1/1 point

--How many have never ordered Poster

```
select distinct a.name,poster_qty from sqlchallenge1.orders o
inner join sqlchallenge1.accounts a on a.id=o.account_id
inner join sqlchallenge1.sales_reps rep on a.sales_rep_id=rep.id and rep.region_id=1
where poster_qty=0
```

4.

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How many accounts have never ordered
Poster?

☐ 3

☒ 6

☐ 10

☐ 5

1/1 point

--How many have never ordered Poster

```
select a.id,COALESCE(SUM(poster_qty), 0) from sqlchallenge1.accounts a left join
sqlchallenge1.orders o on o.account_id=a.id
```

```
group by a.id
```

```
having COALESCE(SUM(poster_qty), 0)<=0
```

```
order by COALESCE(SUM(poster_qty), 0)
```

5.

```
SELECT count(*),SUBSTR((trim(both ' ' from primary_poc)), 1, POSITION(' ' IN (trim(both ' ' from
primary_poc)))) AS First_Name FROM sqlchallenge1.accounts
```

```
group by SUBSTR((trim(both ' ' from primary_poc)), 1, POSITION(' ' IN (trim(both ' ' from
primary_poc))))
```

What is the most common first name for Account primary poc's?

☐ Domonique

☒ Jodee

☐ Chadwick

☐ Huong

1/1 point

Done