Question Answering with SQL

In the first part of the project, before you dive deeper into your own unguided data research, Unicorn ask you to answer the following questions by SQL querying.  
This task is done individually. Query the DB and write down your queries in a doc to ensure you have collected them all into one place. Once completed, start SQL quiz here on Campus and copy your queries.  
After you submit the quiz, you will get a Unicorn's DA team version of working queries. Compare them and if you have any questions, the Masterschool Academic Team will be happy to assist on Slack.

1. **How many Customers do we have in the data?**
2. **What was the city with the most profit for the company in 2015 and how much was it?**
3. **How many different cities do we have in the data?**
4. **Show the total spent by customers from low to high.**
5. **What is the most profitable City in the State of Tennessee?**
6. **What’s the average annual profit for that city across all years in that city?**
7. **What is the distribution of customer types in the data?**
8. **What’s the most profitable product category on average in Iowa across all years?**
9. **What is the most popular product in that category across all states in 2016?**
10. **Which customer got the most discount in the data? (in total amount)**
11. **How widely did monthly profits vary in 2018?**
12. **Which order was the highest in 2015?**
13. **What was the rank of each city in the East region in 2015?**
14. **Join all DB tables into one dataset that includes all unique columns and download it as a csv file. In the second part of the project, you're gonna work with this one table.**