*Where Clause*

1. Retrieve the names of all tracks that have a MediaTypeId of 1.
2. List the names and lengths of tracks that are longer than 300,000 milliseconds.
3. Find all customers whose invoice total is less than $5.
4. List all tracks with a unit price of $0.99 or more.
5. Find all employees who were born on or before January 1, 1980.
6. List all customers who are not from the USA.
7. Find all invoices with a total amount between $10 and $20.
8. List all customers whose first name starts with the letter 'J'.
9. List all customers whose first name ends with the letter 's'.
10. List all customers whose first name contains the letter 'k'.
11. List all customers whose first name starts with the letter 'J' or the letter ‘K’
12. Retrieve the first names of all employees who work as "General Manager" or "IT Manager" .

*Group by , Having Clause*

1. Find the total sales amount (Total) for each country.
2. Find the average length (Milliseconds) of tracks for each genre.
3. Count the number of tracks for each album.
4. Calculate the total invoice amount (Total) for each customer.
5. Find customers who have total invoice amounts greater than $100.
6. Find the customer with the highest average invoice amount.
7. Identify the top 3 genres with the greatest number of tracks.
8. Find the genres that have more than 100 tracks.
9. Determine the customer with the highest total amount for a single invoice.
10. Count the number of invoices for each billing state.

*Join Clause*

1. List the names of all artists and their associated albums.
2. Retrieve all tracks along with their album names and artist names.
3. List all customers and their associated invoices. Include customers who do not have any invoices.
4. Show all playlists and the tracks in each playlist, including playlists with no tracks.
5. Retrieve all tracks and the playlists they are in, including tracks that are not in any playlists.
6. Retrieve all artists and albums, including artists with no albums and albums with no associated artist (if applicable).
7. List employees and their managers.
8. Retrieve all employees and their managers, including employees who do not have managers and managers who do not have employees.
9. Find all pairs of employees who share the same manager, listing their names and the manager’s name. Exclude employees who have no manager.
10. List all employees who have reported to more than one manager, including the names of all their managers.
11. ind all employees who have reported to a manager that has themselves reported to someone else (Indirect Reporting)