Dallas Martin | Invoices & Departments

1. Which resident(s) have not paid their rent in full?
2. Which resident(s) paid their rent more than three days late?
3. What is the average rent amount among all residents in each floorplan?
4. Which residents pay using a debit card?
5. Which residents pay using a checking account?
6. Which department has more than three employees?
7. What are the names of individuals that are employees and residents?
8. Which department was established the earliest?
9. What are the names of each employee, listed by their department?
10. Which resident has a monthly credit of more than $10?

Jenna Lovett | Residents and Pets

1. Which pet weighs the most, what is its breed, and which resident does it belong to?
2. What is the most common pet name?
3. What is the average age of residents?
4. Who are the residents with last names between B and L and first names between J and R?
5. Which resident lives in apartment 101 and do they have pets?
6. Which residents have indicated that they will register a pet when signing their lease, but have not registered the pet?
7. Which resident has lived on premises the longest?
8. How many residents own pets?
9. How many pets are dogs with a primarily black coat?
10. How many pets are fish and what is the most common primary color of said fish?

Troy Purvis | Vehicles and Events tables

1. Return all vehicles with the same make/model/color (include resident ID, Make, model, & Color)

2. Return a specific vehicle’s info given the decal sticker or license plate number

3. Return all residents with a valid registered vehicle (registration dates could expire in some arbitrary time frame)

4. Return all vehicles that have a certain pattern in their license plate (use regex)

5. Return all vehicles that have a registration date that has expired or will be expiring soon

6. Return only employees and their vehicles that have valid registration dates (not residents)

7. Return all vehicles that were registered on a specific day/month/year (Prefix matching)

8. Return all events happening in the next day/month/year

9. Return all vehicles that are owned by a resident with a pet

10. Return the vehicles of people with apartment sizes > 1000 square feet

Tyler Hodzen | Maintenance and Employees

1. How many employees are a part of the maintenance staff?

2. How many employees live in the apartment complex?

3. List all the maintenance staff-members that have at least 1 workorder to complete.

4. How many employees are considered fulltime staff (30+ hours)?

5. List all the job positions, and how many employees are in those positions, in descending order.

6. Which employee has called out of work the most?

7. List the top 5 most requested workorders (ex: toilet repair, sink repair, thermometer repair, etc.).

8. List the name of all employees starting with the employee who has been an employee the longest.

9. List all the 3rd party companies the apartment complex must use (ISP company, cable company, etc.)

10. How many employees own pets and which employee owns the most?