Week 4 Lab

I a Jupyter notebook please complete the following questions with the fire-call dataset we used in the examples.

Chapter 3

1. What were all the different types of fire calls in 2018?
2. What months within the year 2018 saw the highest number of fire calls?
3. Which neighborhood in San Francisco generated the most fire calls in 2018?
4. Which neighborhoods had the worst response times to fire calls in 2018?
5. Which week in the year in 2018 had the most fire calls?
6. Is there a correlation between neighborhood, zip code, and number of fire calls?
7. How can we use Parquet files or SQL tables to store this data and read it back?