

Problem3

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Question 3a, (2 points):

Build an SQL query that joins both the 'zip' and the 'tickets' tables on the 'zip_code' field, and restricts the results to tickets where the fine_level1_amount is more than \$100. What is the sum of the latitudes of all of the records in this query?

Note that this sum should not include records for which the latitude is not recorded.

```
sql_qry = "SELECT * FROM zip
           INNER JOIN tickets ON
             zip.zip_code = tickets.zip_code
           WHERE
             fine_level1_amount > 100"
join_zip_tickets = dbGetQuery(dbcon, sql_qry)
sum(join_zip_tickets$latitude, na.rm = TRUE)
```

```
## [1] 2709141
```