

Question 1

- Which state has the most bridges?

For the year of 2000, the state with the most bridges is Texas (id: 486)

- Determine the average length of bridges in each state, and determine which states have the shortest and longest averages.

For the year of 2000, the state with the shortest average for bridge length is Nebraska (id: 317) and the state with the longest average for bridge length is District of Columbia (id: 113)

- For bridges that were rebuilt, determine the average duration between the original construction and the reconstruction.

The average duration is 37.250 years for the year of 2000

- Comparing the average daily traffic values from 2000 to 2010, what proportion of bridges saw increased traffic? What was the average percentage change in average daily traffic over all bridges?

Proportion of bridges which saw increase in traffic is 0.6908. Average percentage change in average daily traffic over bridges is 0.1359

Question 2

A snippet of the answer for question 2 is below. The syntax of the answer is

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drugName: [Average male age, average female age, proportion of females]
'1-ALPHA-HYDROXYVITAMIN D3': [0, 74.0, 1.0],
'ANTI HYPERTENSIVES': [0, 64.0, 1.0],
'Albuterol Inhaler': [0, 20.39699, 1.0],
'Asthma Inhalers': [0, 63.0, 1.0],
'BENZA': [44.47639, 0, 0.0],
'BUPROPION HCI TABLETS EXTENDED-RELEASE': [65.0, 68.0, 0.5],
'COENZYME Q-10': [0, 78.69267500000001, 1.0],
'DEBRIDAT//TRIMEBUTINE': [0, 68.71697499999999, 1.0],
'Dexamethason': [0, 69.27036, 1.0],
'GABAPENTIN 100 MG': [52.0, 0, 0.0]
```