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Project One: The Effects of Building Age on Property

Assignment  
You should have at least five interesting questions that you want to answer.

You should then

proceed to design tables that will hold the data that you will need for your analysis. Your

project should be of a complexity such that it utilizes more than one table. The tables should

have a relationship with one another that requires the utilization of JOIN statements.

Create a diagram of your tables and include it with your final report.

The other should be a short report (2-4 pages)

explaining your project’s goals, its results, and how you used MySQL. Be sure to include your

results tables in the report, nicely formatted for human consumption.

5 interesting questions

* Most common heating fuel by house age
* How does age effect current building value
* Does age effect number of rooms/ bedrooms
* Does age effect depreciation
* Does age effect total gross area

Project Goals:

The age of a home used to always be an indicator of value. Property was something people could expect to make a profit on; flipping the homes they raised their families in into extra retirement money. However, in a post 2008 housing market crash world it is becoming much harder to sell your house for a profit. Is this the outcome of a stagnating economy, a market bubble readjusting, or are these aging homes starting to fall apart? While data can’t answer all the questions it is worth taking a look at the data we do have to answer some questions, mainly what effect does building age have on homes.

For the purposes of this report there are five questions being considered:

* What is the most common heating fuel by house age?
  + As climate consciousness becomes a more pervading mindset amongst Americans the fuel type their houses run on will become increasingly important
* How does age affect current building value?
  + Is age something that improves house value overtime or destroy it
* Does age effect number of rooms/ bedrooms?
  + As space in cities like Burlington becomes a premium, do houses get smaller?
* Does age effect property grade
  + Is the properties quality affected by age, or is it reliant on other factors?
* Does age effect total gross area
  + Does building earlier result in higher yields of gross area on a property?