

Quiz 4

1. The real added value of the author's research on residential real estate properties is quantifying the magnitude of relationships between housing prices and different determinants.

1 point

- ☐ False.
- ☒ True.

2. Regression is a statistical technique developed by Sir Frances Galton.

1 point

- ☐ False.
- ☒ True.

3. What did the author's research reveal about the impact of an additional washroom on the price of a housing unit?

1 point

- ☐ The author found that an additional bedroom adds the same to the housing prices than an additional washroom. In other words, any additional room results in an equal increase to the housing prices.
- ☐ The author found that an additional washroom adds more to the housing prices than an additional bedroom.
- ☒ The author found that an additional bedroom adds more to the housing prices than an additional washroom.
- ☐ The author found that an additional washroom did not have any impact on the pricing of a housing unit.

4. What did the author's research reveal about proximity to large shopping centres?

1 point

- ☐ The author discovered that houses located more than 2.5 kms to shopping centres sold for less than the rest.
- ☐ The author discovered that houses located more than 5 kms to shopping centres sold for less than the rest.
- ☐ The author discovered that proximity to large shopping centres didn't have any significant impact on the prices of housing units.
- ☒ The author discovered that proximity to large shopping centres had a nonlinear impact on the housing prices.

5. "What are typical land taxes in a house sale?" is a question that can be put to regression analysis.

1 point

- ☒ False
- ☐ True.

- ☒ I, **Ronny Fahrudin**, understand that submitting work that isn't my own may result in permanent failure of this course or deactivation of my Coursera account.

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No. 3 wrong

Why Regress?

A whole host of questions could be put to regression analysis. Some examples of questions that regression (hedonic) models could address include:

- How much more can a house sell for an additional bedroom?
- What is the impact of lot size on housing price?
- Do homes with brick exterior sell for less than homes with stone exterior?
- How much does a finished basement contribute to the price of a housing unit?
- Do houses located near high-voltage power lines sell for more or less than the rest?