

- Fitness club, monthly fee for one adult
3. Childcare
 - Preschool (or kindergarten), full-day daycare, private, monthly for one child
 4. Rent Per Month
 - Apartment (1 bedroom) in city centre
 5. Salaries and Financing
 - Average monthly net salary (After Tax)

In your Excel spreadsheet or tool of your choosing, you will have a table with five rows and two columns. The first column is numbered 1 through 5 and the second column will be the cost associated with the line item under the category for your city. In your Excel spreadsheet or other tool,

- Draw a scattered graph of the above selected data set.
- Display the regression line (also called trendline, linear model, and line of best fit) for the above categories in your city.
- Display the equation for the linear model and the R^2 value on the graph. In Excel, right click on the line graph to display the options, scroll down and select the boxes for display equation on chart and display R-squared on chart options.

In your paper,

- Provide a URL of the website with your data along with your excel spreadsheet of the graph with equation and R^2 value
- Analyze your findings on the best and worst predictor among these categories on the cost of living in your city.
- Assess the relationship between the variables, including any causation, correlation, or influences between the variables.

The Identifying Relationships Between Variables paper

- Must be two to three double-spaced pages in length (not including any graphs, tables, title, or references pages) and formatted according to [APA Style](https://writingcenter.uagc.edu/apa-style) (<https://writingcenter.uagc.edu/apa-style>) as outlined in the Writing Center's [APA Formatting for Microsoft Word](https://writingcenter.uagc.edu/apa-formatting-microsoft-word) (<https://writingcenter.uagc.edu/apa-formatting-microsoft-word>) resource.
- Must include a separate title page with the following:
 - Title of paper in bold font
 - Space should appear between the title and the rest of the information on the title page.
 - Student's name
 - Name of institution (University of Arizona Global Campus)
 - Course name and number
 - Instructor's name
 - Due date