**Is There an Association Between Spaces From Go and Property Cost in the Game of Monopoly?**

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| **Property** | **Spaces from GO** | **Cost** |
| Mediterranean Avenue | 1 | 60 |
| Baltic Avenue | 3 | 60 |
| Reading Railroad | 5 | 200 |
| Oriental Avenue | 6 | 100 |
| Vermont Avenue | 8 | 100 |
| Connecticut Avenue | 9 | 120 |
| St. Charles Place | 11 | 140 |
| Electric Company | 12 | 150 |
| States Avenue | 13 | 140 |
| Virginia Avenue | 14 | 160 |
| Penn Railroad | 15 | 200 |
| St. James Place | 16 | 180 |
| Tennessee Avenue | 18 | 180 |
| New York Avenue | 19 | 200 |
| Kentucky Avenue | 21 | 220 |
| Indiana Avenue | 23 | 220 |
| Illinois Avenue | 24 | 240 |
| B & O Railroad | 25 | 200 |
| Atlantic Avenue | 26 | 260 |
| Ventnor Avenue | 27 | 260 |
| Water Works | 28 | 150 |
| Marvin Gardens | 29 | 280 |
| Pacific Avenue | 31 | 300 |
| North Carolina Avenue | 32 | 300 |
| Pennsylvania Avenue | 34 | 320 |
| Short Line Railroad | 35 | 200 |
| Park Place | 37 | 350 |
| Boardwalk | 39 | 400 |

1. Draw a scatterplot of Spaces From Go (x-axis) and Cost (y-axis). Make sure you set up appropriate scales on each axis.
2. Does there appear to be an association between the two variables?
3. Find a “Line of Best Fit”: y = a+bx.
4. What does a represent? What does b represent?
5. Are there any unusual points? What are they?
6. Predict the cost of a “new” property that is 50 spaces from Go.