Firstly I did scatterplots to show correlations between different indicators.

1. Scatterplot: Average household size vs distance from CBD.

In the first scatterplot I’m trying to determine whether the distance from CBD correlates with the average household size.

1. Scatterplot: land size vs distance from CBD.

For this second graph, this is relevant for our investor to understand where, in terms of distance from the CBD, she is more likely to find larger properties.

I then did a variety of bar graphs to depict various medians and averages.

1. Bar graph: Median age for each Victorian region.

This shows the median age for each region which the lottery winner can use to find

* regions where there are more like-minded, middle-aged individuals, or
* where the median age is younger to allow her children more opportunities to find similar aged friends.

1. Bar graph: median number of bedrooms for each Victorian region.

The lottery winner is interested in finding a spacious house for her family of four and to entertain their friends. This graph helps her to find which regions in general have larger houses as she wants to find a bigger house.

1. Pie chart of properties sold within budget for each Victorian region.

The lottery winner has a budget of $800,000 to $1 million. This pie chart provides a snapshot of which regions are more likely to have properties that fit within her budget.