I have two hypotheses for this investigation:

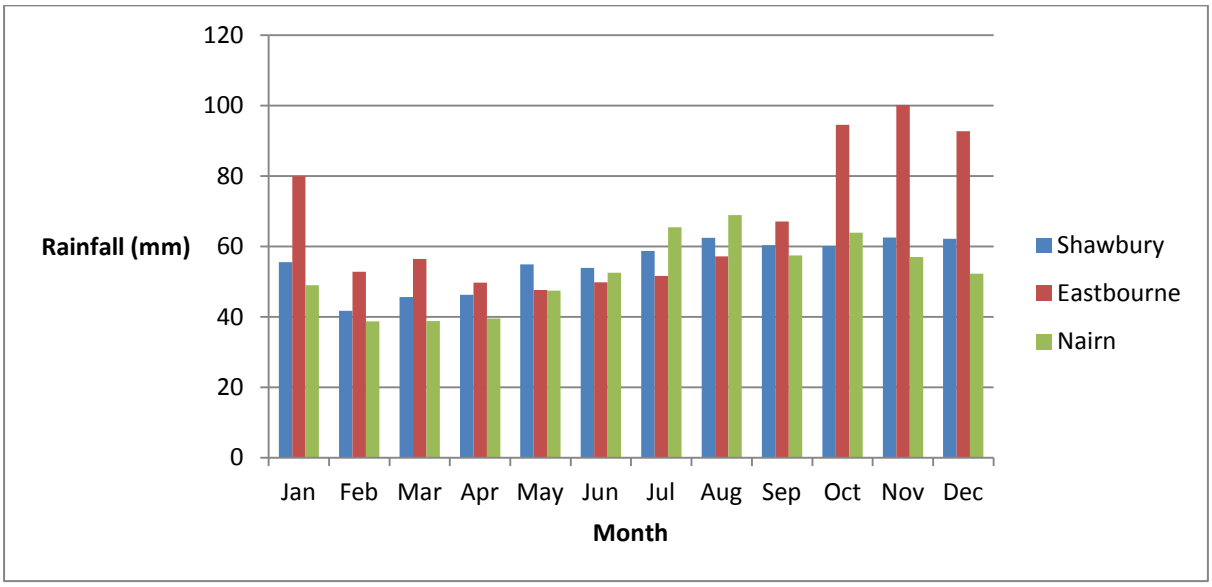
1. Towns in the west are wetter than towns further east.
2. Spring is the wettest part of the year.

In order to investigate these hypotheses, I had to decide exactly what each of these meant. I decided that Shawbury, would be the town in the west, with Nairn and Eastbourne in the east. Spring would count as the months of March, April and May. Therefore the hypotheses are:

1. Shawbury will be the wettest of the towns.
2. The wettest months will be March, April and May.

First, I wanted to calculate the average rainfall for each location for each month.

To calculate this, I calculated the mean of the rainfall values for each of the locations for each month, by using the 'AVERAGE' function in my spreadsheet. I then plotted a bar chart of these results on the spreadsheet.



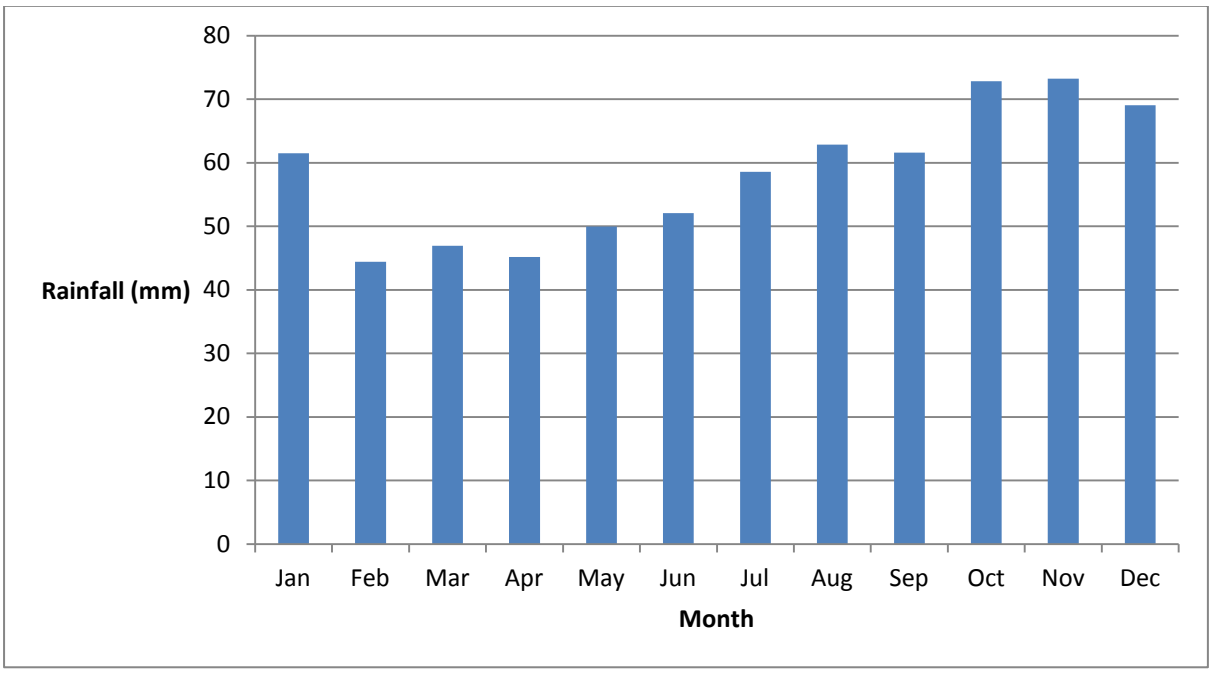
This bar graph shows that Eastbourne has the most rain in all the months between September and April, Shawbury has the most rain in May and June and Nairn has the most in July and August. This indicates that my hypothesis that Shawbury is the wettest of the three towns was incorrect, as the majority of the time Eastbourne is the wettest town.

The table below shows the mean rainfall for the towns over all the months:

Town	Average Rainfall (mm)
Shawbury	55.3
Eastbourne	66.6
Nairn	52.6

This shows that my hypothesis was definitely wrong. Eastbourne is the wettest of the three towns, on average.

For my second hypothesis, I took the average for each month over all three towns, and plotted the graph below to show these values.



This shows that the most rainfall is usually observed in October, November and December, with the period between February and May the driest period of the year. This demonstrates that my second hypothesis is also wrong, and Spring is not the wettest season.