

The 'Visit Melbourne' website has two primary functions. One is a map of tourism, accommodation, restaurant, entertainment, etc., and the other is a statistical map of weather and temperature in the Melbourne area.

The interactive map provides a "Landmarks" tab for visitors to explore all the options around the CBD. Visitors can quickly obtain information about landmarks through the display panel below the map. From the interactive map, the following findings can be quickly drawn:

For accommodation, the number of hotels in the suburbs a little farther from the city center is less, while there are more hotels in the city center and the number of hotels in the city center is more evenly distributed. Airbnb, an alternative to hotels, is also distributed in the city center, and there are two very dense areas, namely Elizabeth St and Spencer St, as shown in the following figure:



Tourists can choose the appropriate accommodation method and location according to the attractions they want to visit.

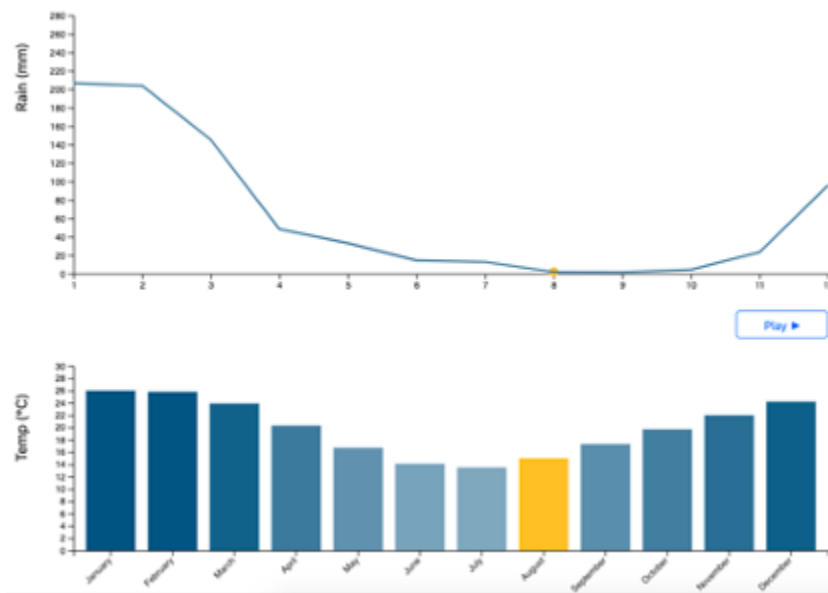
For tourism, the city center is slightly dense, and the surrounding area is slightly sparse, but in general, it is relatively evenly distributed and similar to the distribution range of hotels. Therefore, it can be inferred that the location of the hotel is closely related to the tourist location, as shown in the figure below.



And through the wiki panel below, it can be seen that in the city center are mostly Clubs, churches, museums, etc., while the surrounding areas of the city center are mostly parks, hospitals, colleges, etc. This will help tourists choose a hotel or Airbnb location according to their preferences

Through the second main function of the website, the weather temperature chart, it can be seen that Melbourne has more precipitation in summer. It can be seen from the line chart of rainfall and the bar chart of average temperature that Melbourne's winter rainfall from June to October is very small, and the temperature is the lowest throughout the year. The precipitation began to rise rapidly in October, and the temperature continued to rise. Therefore, it can be found that Melbourne is rainy in summer and drier in

winter. For tourists visiting Melbourne in the summer from October to April, special preparations or travel plans need to be made in consideration of rain and high temperatures.



In order to maximize the utility of space, in other words, reach a higher data-ink ratio, we design some buttons close to the map, and the map will only display the selected type of locations. This trick avoids multiple maps on the website, not only giving users a clear view but also reducing the loading time.