The approach to tackle the problem is shown in the above graph. In order to give a recommendation, one needs two values: The value of the property to be recommended and the expected rentability per year of the investment. The value of the property will be established according to the budget the user has.

To get the property value, one will take into account both the property characteristics and the place the properties are located.

On the other side to establish the rentability per year one will calculate the occupancy rate of the property per year together with the price per night of the type of property. The price per night depends on the property characteristics. The occupancy rate depends on the place the property is in terms of its surroundings, the competitors around and whether it is rural of urban

The information that will be used is shown in the far left of the graph.