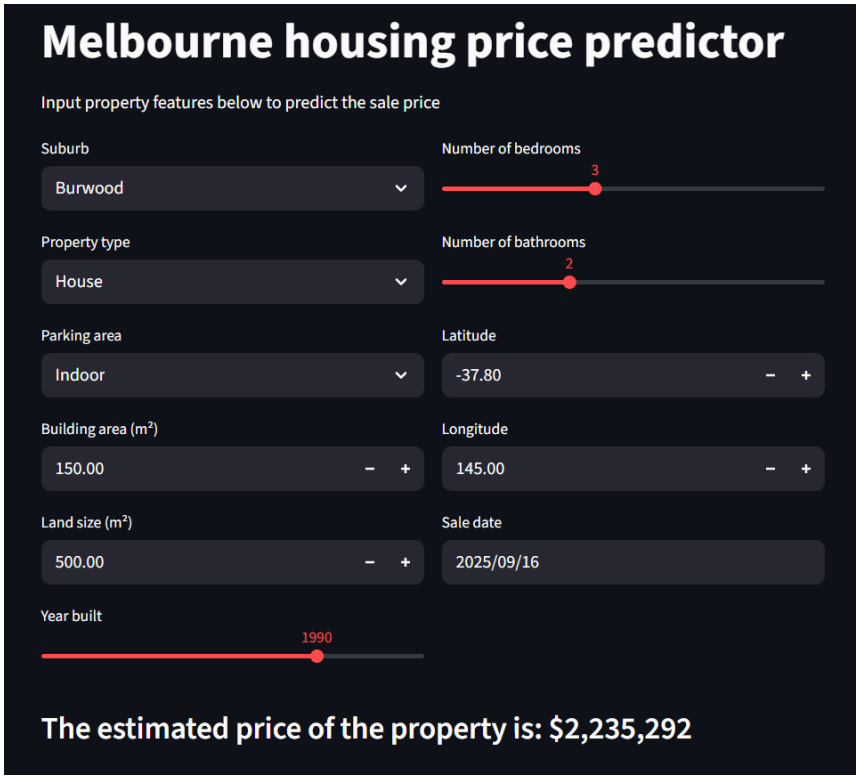
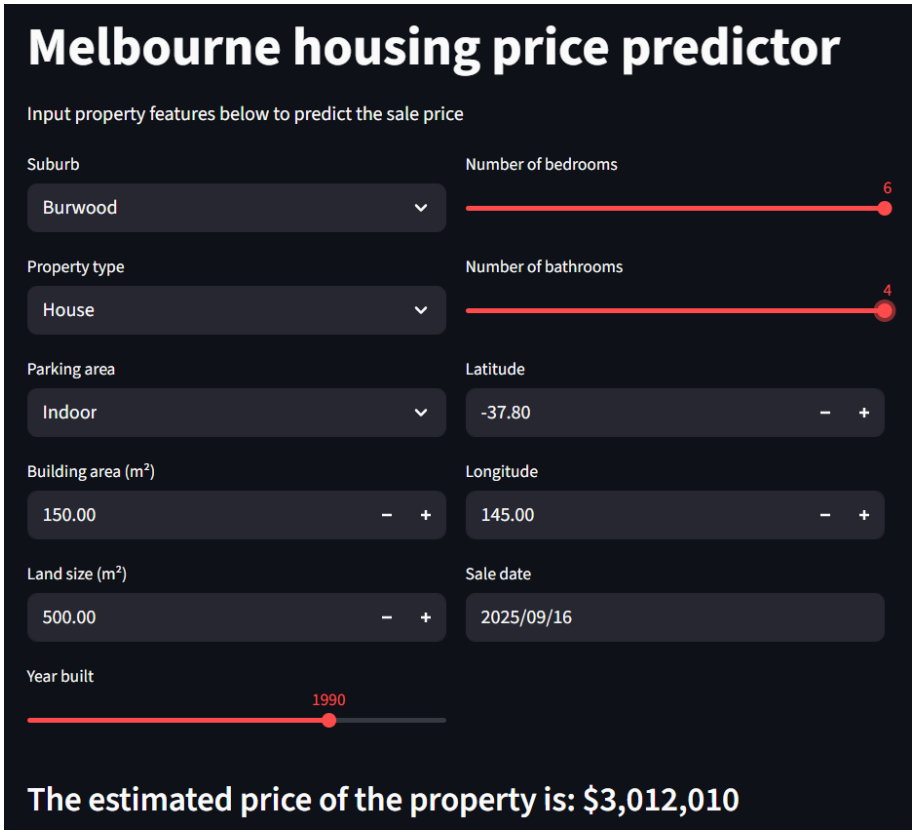
Using Streamlit to run the Python script will give us the web application with this interface:



We can see that a property that is a House at Burwood, 3 bedrooms, 2 bathrooms, etc. had a price $2,235,292 as predicted by the model. Now when the user changes the input, let's say they want the same property but with 1 extra bathroom:

The predicted price increased to $2,650,060 (the whole Python script was run again with a different number of bathrooms that made the price different). If the user wanted 3 more bedrooms and 1 more bathroom:



The price significantly increased to $3,012,010. It would be even more expensive to afford the same property at Camberwell:

But cheaper if the property was a Unit:

Melbourne housing price predictor
Input property features below to predict the sale price
Suburb
Camberwell
Number of bedrooms
6
Property type
Unit
Number of bathrooms
4
Parking area
Indoor
Latitude
-37.80
Building area (m²)
150.00
Longitude
145.00
Land size (m²)
500.00
Sale date
2025/09/16
Year built
1990
The estimated price of the property is: $2,369,421