

WEBFRAME ARCHITECTURE

INSURANCE PREMIUM PREDICTION

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API ARCHITECTURE DESIGN

Image before got the prediction

The screenshot shows a web browser window with the title "Insurance Premium Prediction". The URL bar displays "127.0.0.1:5000". The application interface features a light green central panel on an orange background. The panel contains the title "Insurance Premium Prediction" in pink. Below the title are several input fields: a dropdown menu for "southeast", a dropdown menu for "smoker :" with the value "NO", a dropdown menu for "sex :" with the value "Female", a text input field for "Age :" with the value "21", a text input field for "BMI :" with the value "12", and a text input field for "Children :" with the value "2". At the bottom of the panel is a pink "Predict" button. Below the button is a long, empty pink bar.

Image after getting prediction.

The screenshot shows the same web browser window, but the URL bar now displays "127.0.0.1:5000/predict". The application interface is identical to the previous screenshot, but the input fields have been updated: the "smoker :" dropdown now shows "YES", the "sex :" dropdown now shows "Male", the "Age :" text input now shows "Enter Age", the "BMI :" text input now shows "Enter BMI", and the "Children :" text input now shows "Enter Children". The "Predict" button is still present. Below the button, a pink bar now displays the text "Predict Premium is 12684.39" in blue, with a small blue icon to its left.

THANK YOU