Wireframe

Insurance Premium Prediction

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03-09-2023	1.0	Abstract	Amit Kumar
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Wireframe

Abstract

Our primary objective is to empower individuals to approach health insurance providers with confidence, armed with a clear understanding of the expected financial commitments tied to their selected coverage. By eliminating the uncertainty surrounding insurance premiums, we enable people to prioritize their health and well being over pricing complexities. This innovative approach shifts the focus away from the intricacies of policy pricing and toward a user-centric perspective that promotes informed decision-making. Ultimately, our goal is to enhance the overall insurance experience, making it more personalized and user-friendly. We aim to facilitate insurance choices that reflect individual needs and financial considerations, empowering individuals to invest in their health with clarity and assurance

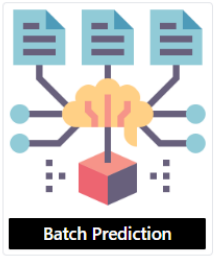
Wireframe

1.Web Interface

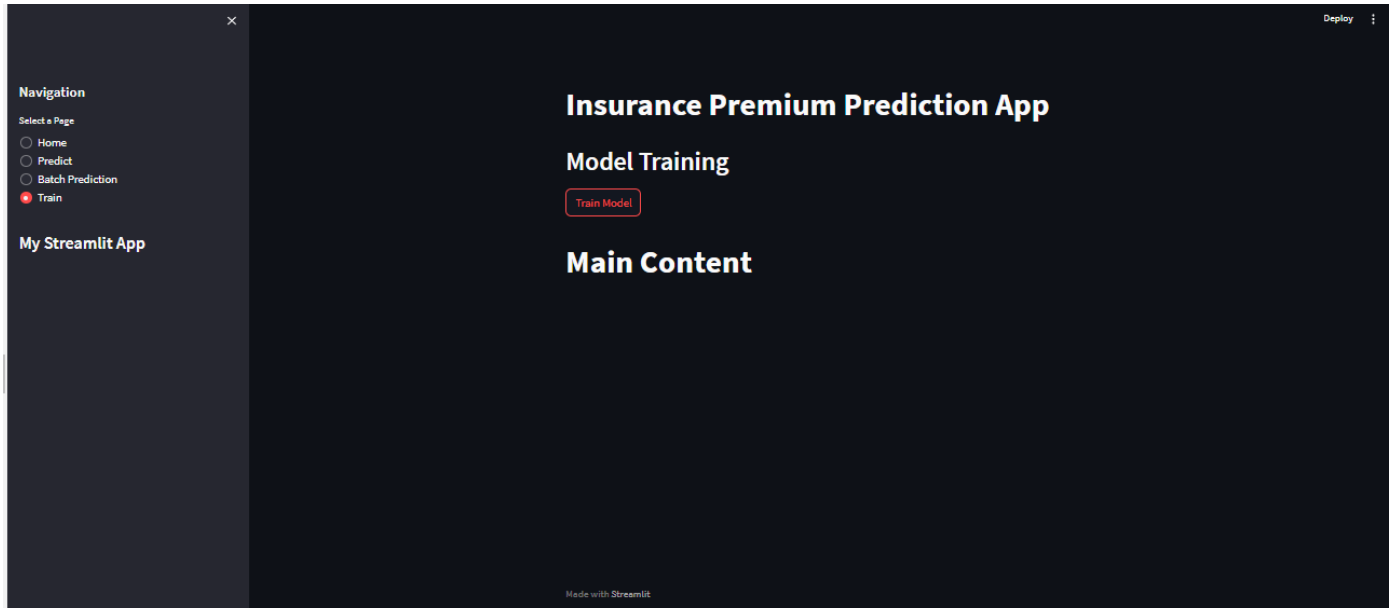
Our web page is one single interface where both input from the user and the prediction is displayed.

LocalHost

INSURANCE PREMIUM PREDICTION

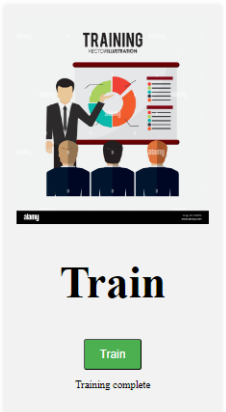


streamlit Cloud

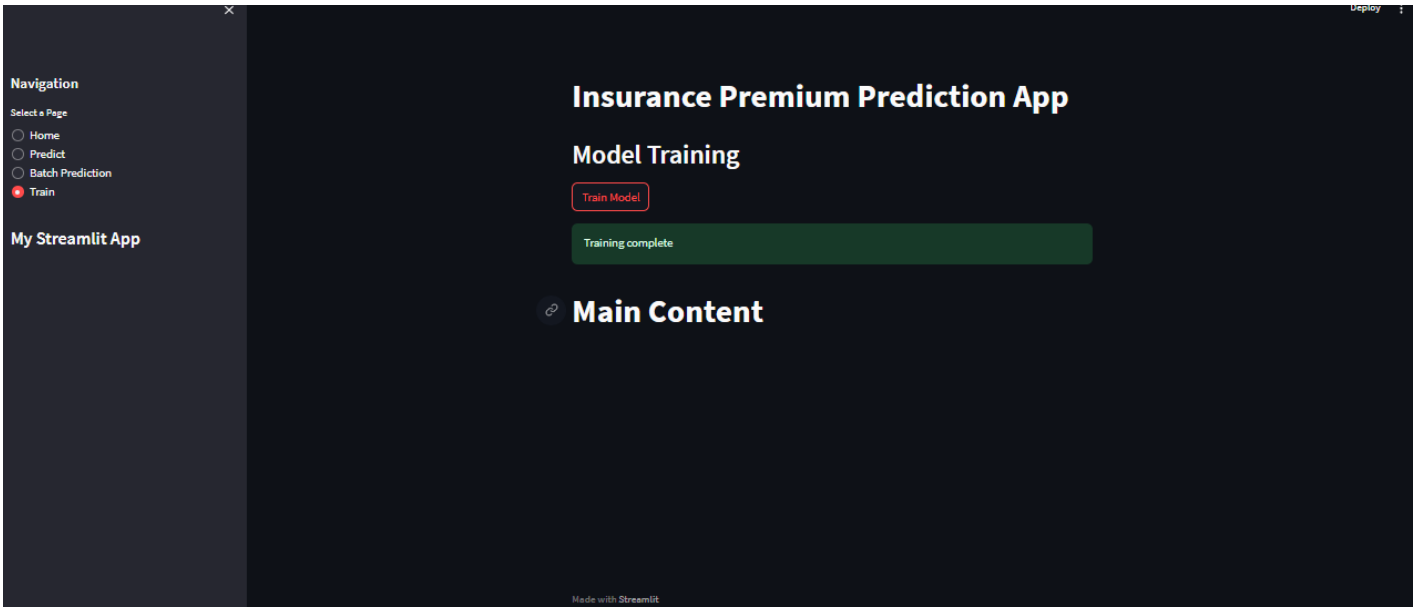


2.Model Training

Model Training Localhost



Model Training Streamlit



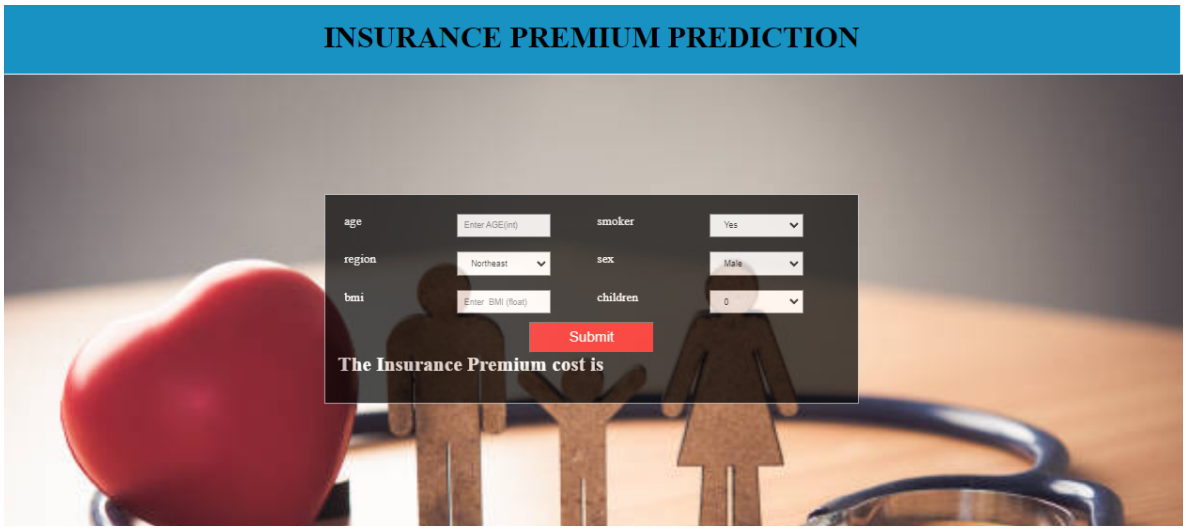
3User Input

Whenever the user hits our url , they first see the user input page here they have to provide the information like:

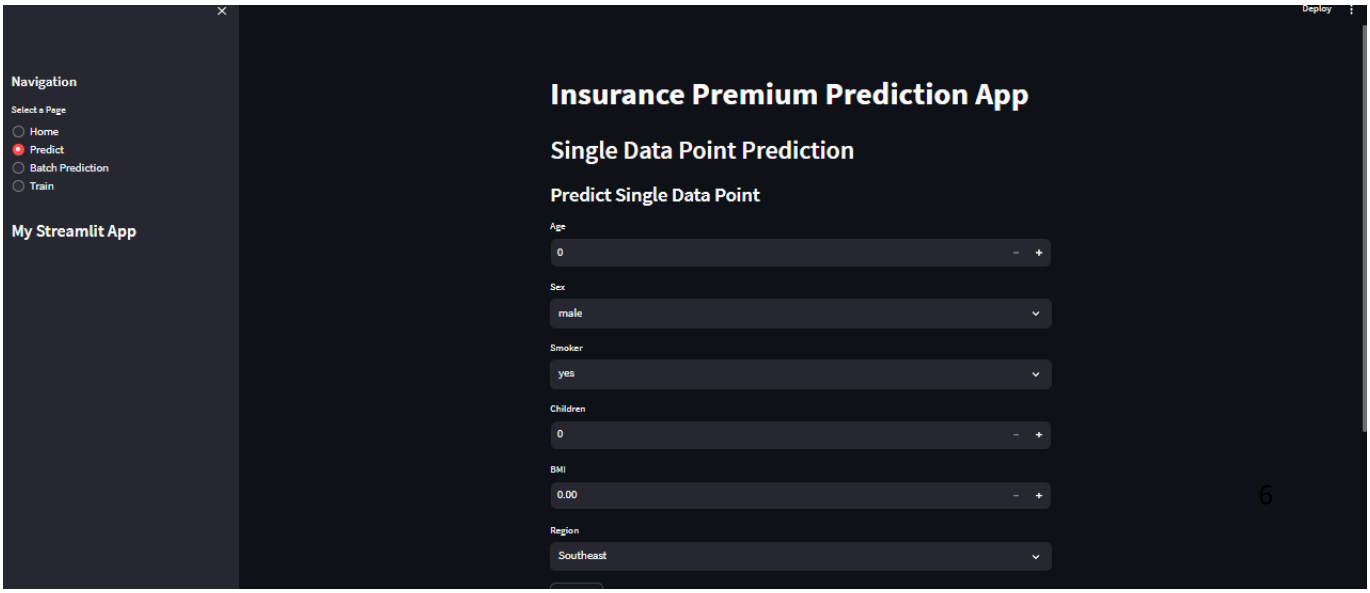
Every user input has its own dropdown where the user can select their input.

After providing the required input and pressing the submit button, the page refreshes and displays the output

Value Fill LocalHost



Value Fill Streamlit

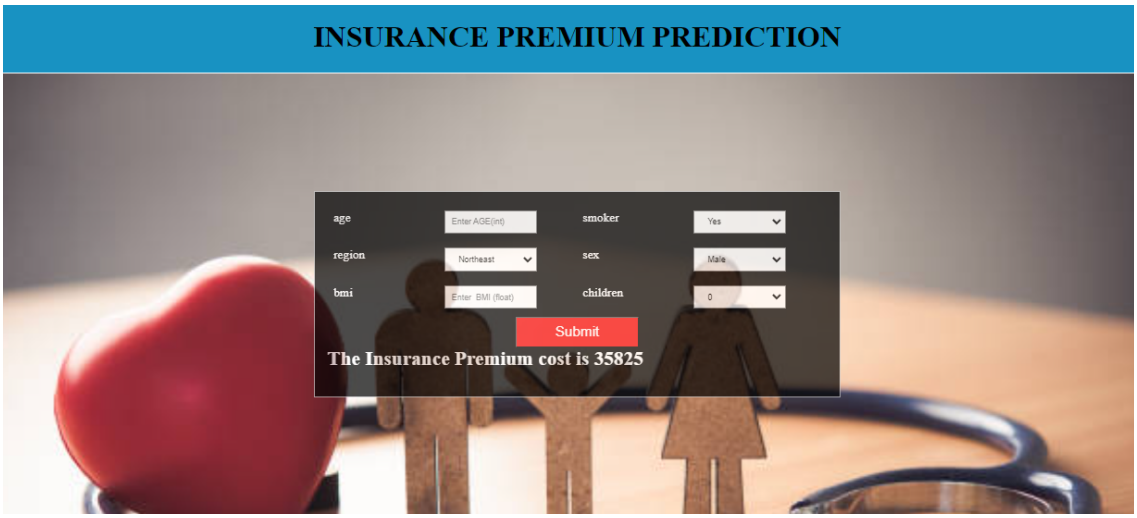


4.Result Page

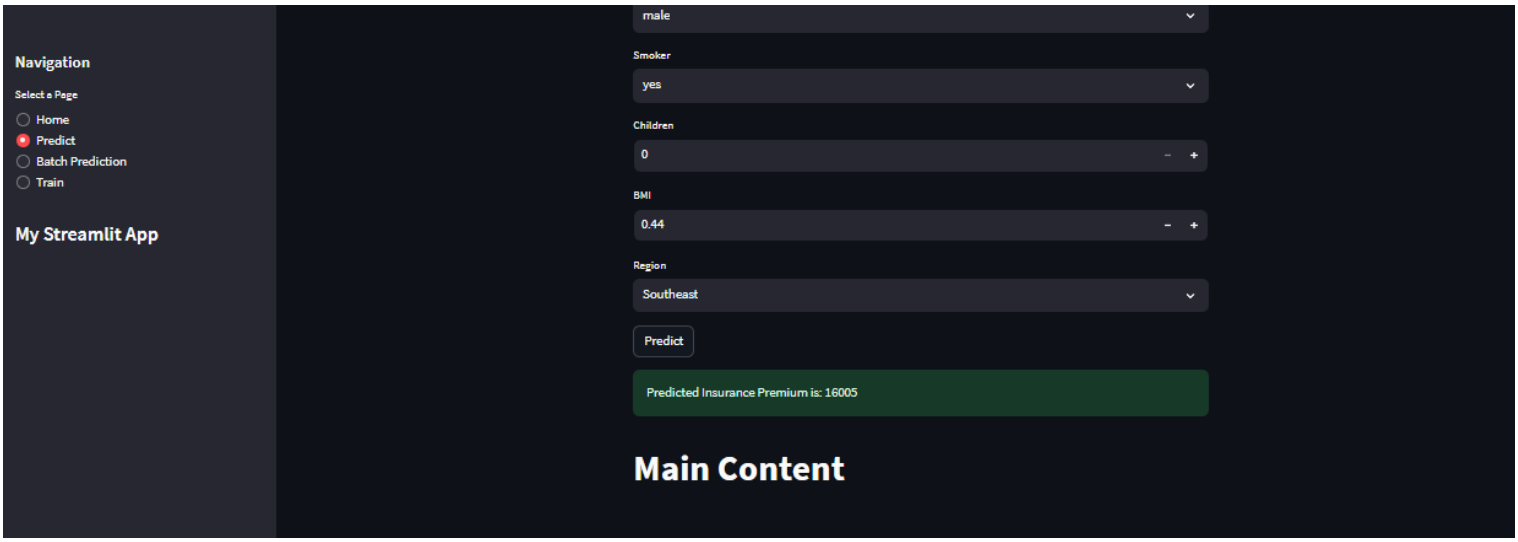
After the user hits the submit button the page gets refreshed and the results are being displayed in the highlighted area in the above frame.

The user can refill all the inputs in same page and get the results in the same way.

Result Localhost

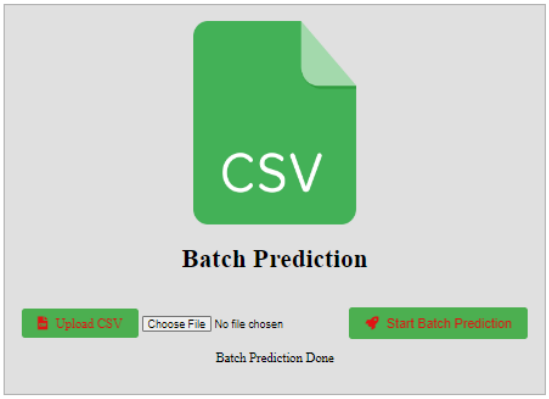


Result Streamlit

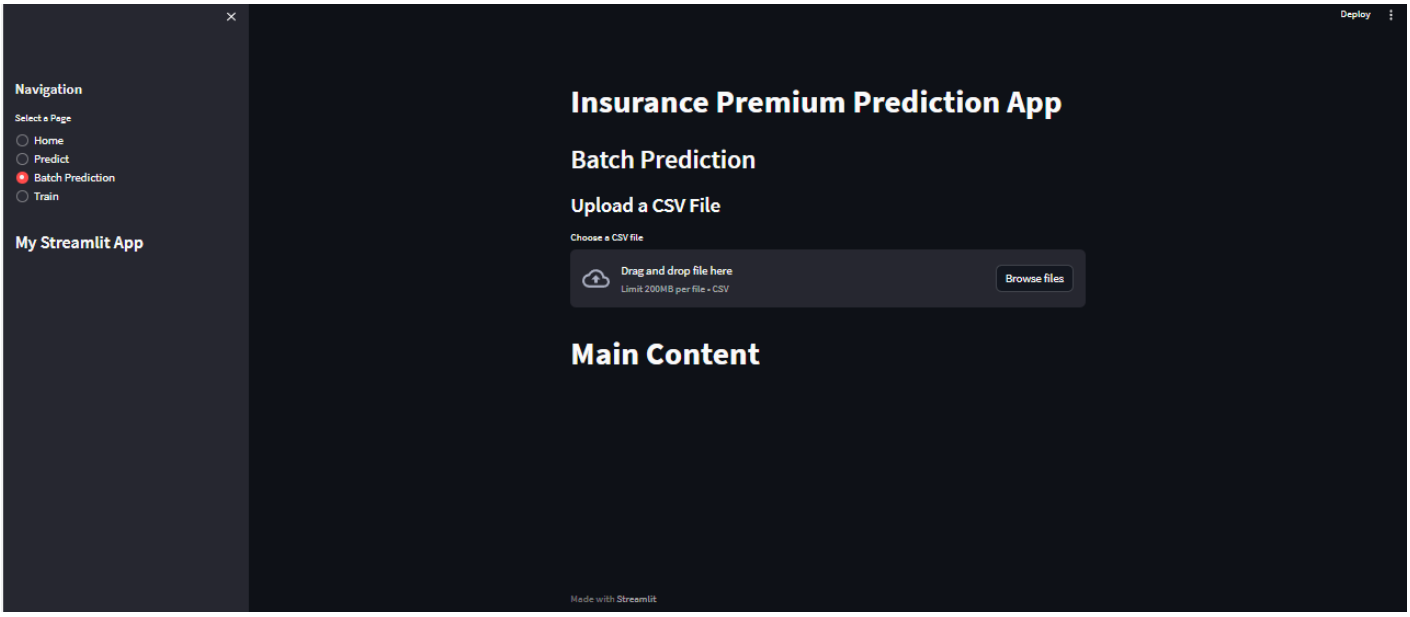


5.Batch Prediction

Batch Localhost



Batch streamlit



6.Batch Prediction Output:

Localhost:

batch_Prediction > Prediction_csv > output.csv

```
prediction
11421.67140980226
5808.630372820755
27906.918316100502
9681.110446118648
34047.02006659518
5183.00393405296
2752.5722772470394
18563.838878467246
4827.722736719436
10634.71040449833
18572.32120822466
7721.118016012617
6003.778262100189
45198.12616351239
47255.113986480486
44826.308733080215
10621.490181127501
44617.777488445834
9686.233298107098
23765.43013936369
```

Streamlit: