

Model Deployment

	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	x_1	x_2	x_3	y
1				
2				
3				
4				
...				
500				

Train

Test

model = LogisticRegression()
y-hat-test = model.predict(x1-test x2-test x3-test)

Client

y-hat ← model.predict(x1 x2 x3)

→ (Binary.executable)
• exe

Binary

① → clf.pkl

Code to Create interface

Graphical Interface → Streamlit
Flask
Django

②

x_1

✓

x_2

☐ Male
☒ Female

x_3

→ ($x_1 x_2 x_3$) → model.predict()

model ← load(clf.pkl)

1. `C:/users/username/` `deploy`

$\left\{ \begin{array}{l} \text{logreg.ipynb} \rightarrow \text{run this} \checkmark \\ \text{claimants.csv} \checkmark \rightarrow \text{clf.pk1} \\ \text{clf.pk1} \checkmark \\ \text{app.py} \checkmark \end{array} \right.$

2. open a text file :-

— Save as `app.py` → in the `deploy` folder -
 — add streamlit code ✓

10:35 → try -

10:35 — 10:45 → break

→ open anaconda prompt — from search bar -

> `cd .. deploy`

- `usr/deploy` → `dir` →
 $\left. \begin{array}{l} \text{---} \\ \text{---} \\ \text{---} \end{array} \right\}$

> `pip install streamlit` → one time activity ✓

> `streamlit run app.py` → `http://localhost` ... ← click on url