

Prediction of Credit Risk Using South German Bank

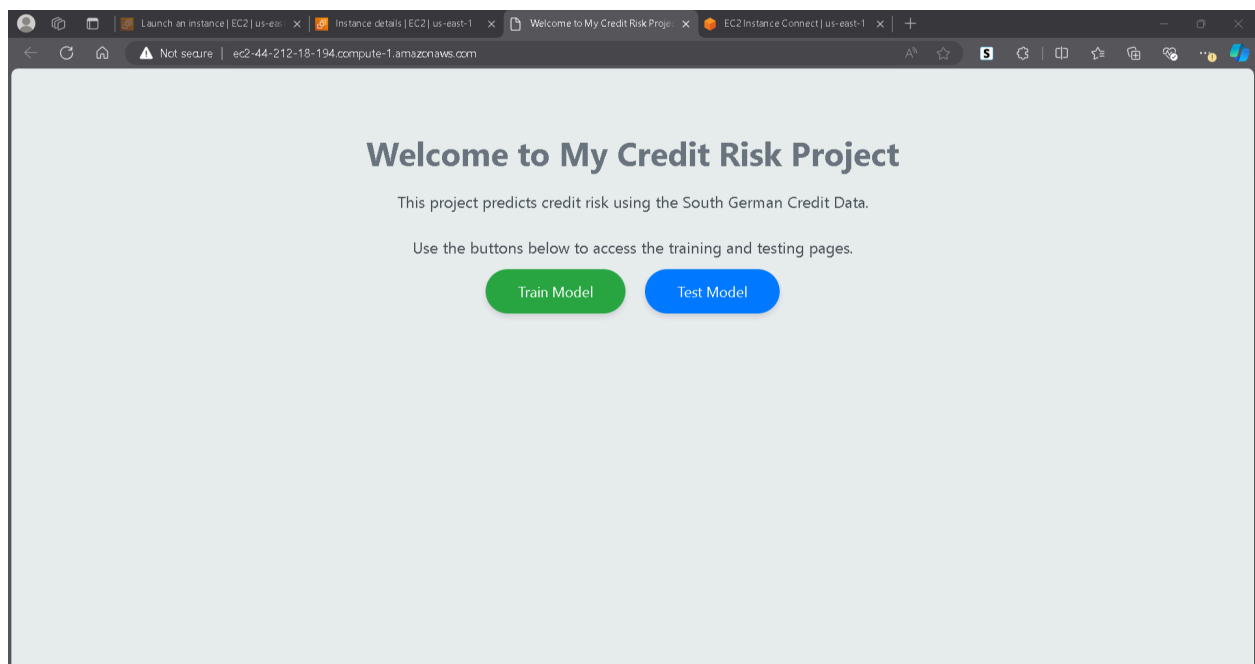
Wireframe Documentation

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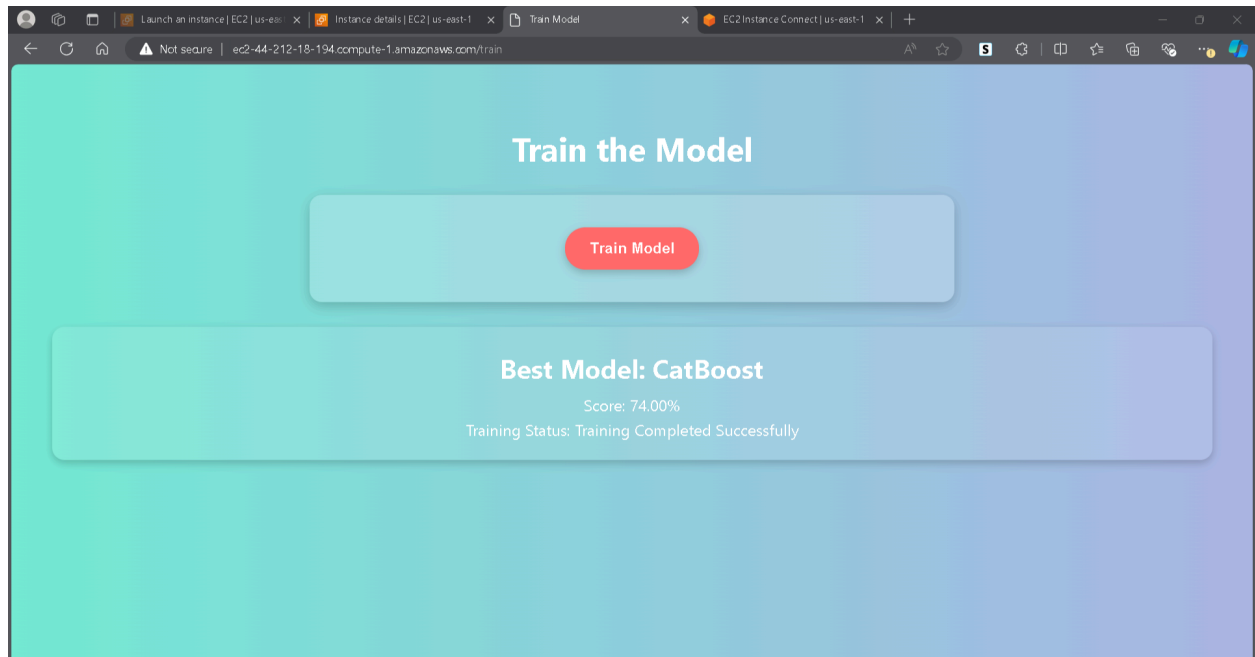
1 Home page

It has two things train and test model



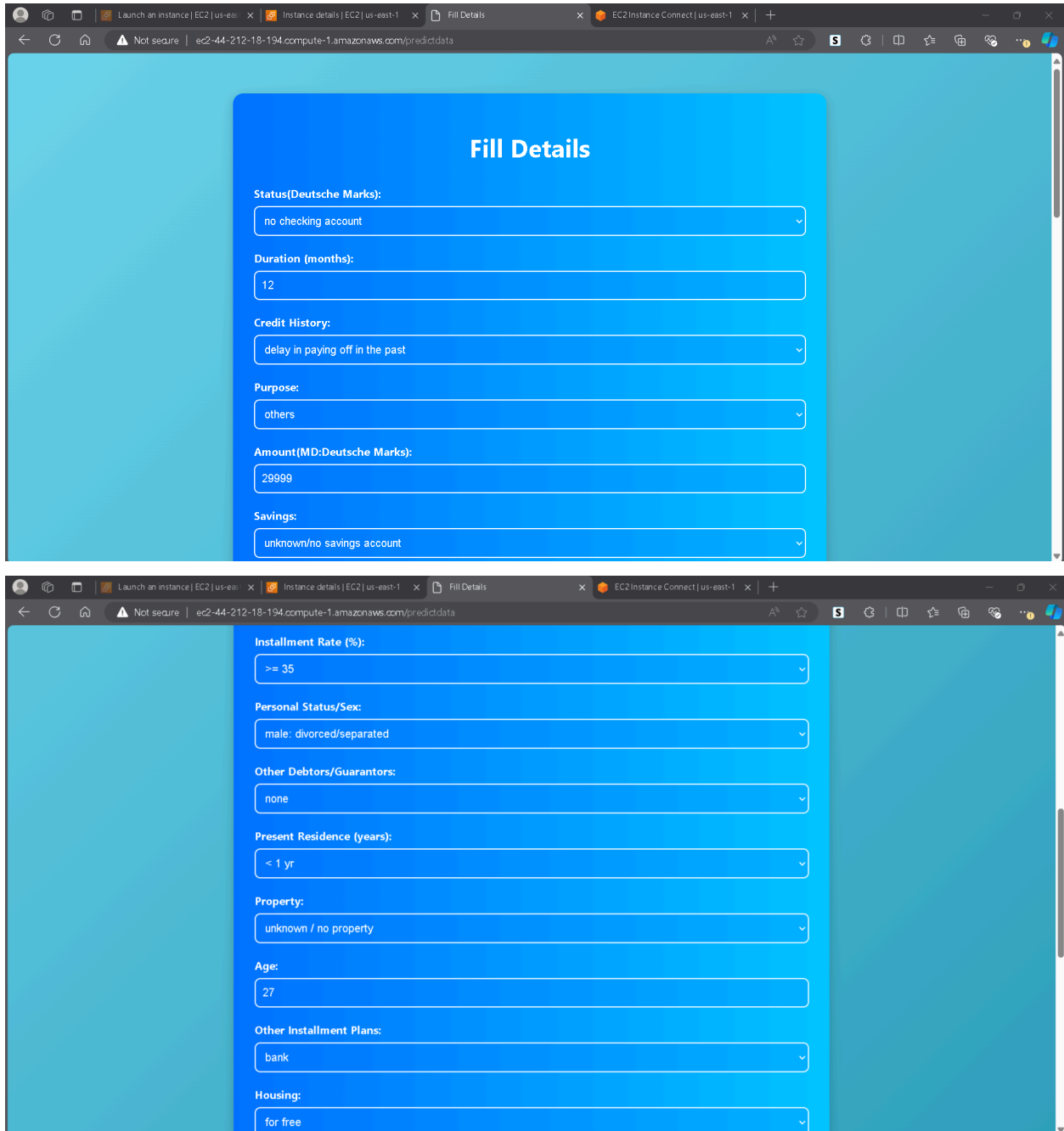
2 Train Page

Here we will get best model for model trainer



3 Test page

Here is where user will put the details for getting prediction



Fill Details

Status(Deutsche Marks):
no checking account

Duration (months):
12

Credit History:
delay in paying off in the past

Purpose:
others

Amount(MD:Deutsche Marks):
29999

Savings:
unknown/no savings account

Installment Rate (%):
>= 35

Personal Status/Sex:
male: divorced/separated

Other Debtors/Guarantors:
none

Present Residence (years):
< 1 yr

Property:
unknown / no property

Age:
27

Other Installment Plans:
bank

Housing:
for free

The screenshot shows a web browser window with several tabs. The active tab is titled "EC2 Instance Connect [us-east-1]". The address bar shows a URL starting with "ec2-44-212-18-194.compute-1.amazonaws.com/predictdata". The main content area has a blue background and contains a form with the following fields:

- Housing:** A dropdown menu with the value "for free".
- Number of Credits:** A dropdown menu with the value "1".
- Job:** A dropdown menu with the value "unemployed/unskilled - non-resident".
- People Liable:** A dropdown menu with the value "3 or more".
- Telephone:** A dropdown menu with the value "none".
- Foreign Worker:** A dropdown menu with the value "yes".

Below the form fields is a green "Submit" button. At the bottom of the form area, the text "Prediction:" is visible.

4 Result

Here will be the Result after data enter by the user

The screenshot shows a web browser window with a URL bar indicating a connection to an AWS EC2 instance. The main content area features a light blue background with a central white form. The form contains four dropdown menus for user input: 'Job' (selected: unemployed/unskilled - non-resident), 'People Liable' (selected: 3 or more), 'Telephone' (selected: none), and 'Foreign Worker' (selected: yes). Below these inputs are two green buttons: 'Submit' and 'View History'. The 'Submit' button is currently active. Below the buttons, the prediction result is displayed in bold black text: 'Prediction: It is not safe to give credit.'

Job:
unemployed/unskilled - non-resident

People Liable:
3 or more

Telephone:
none

Foreign Worker:
yes

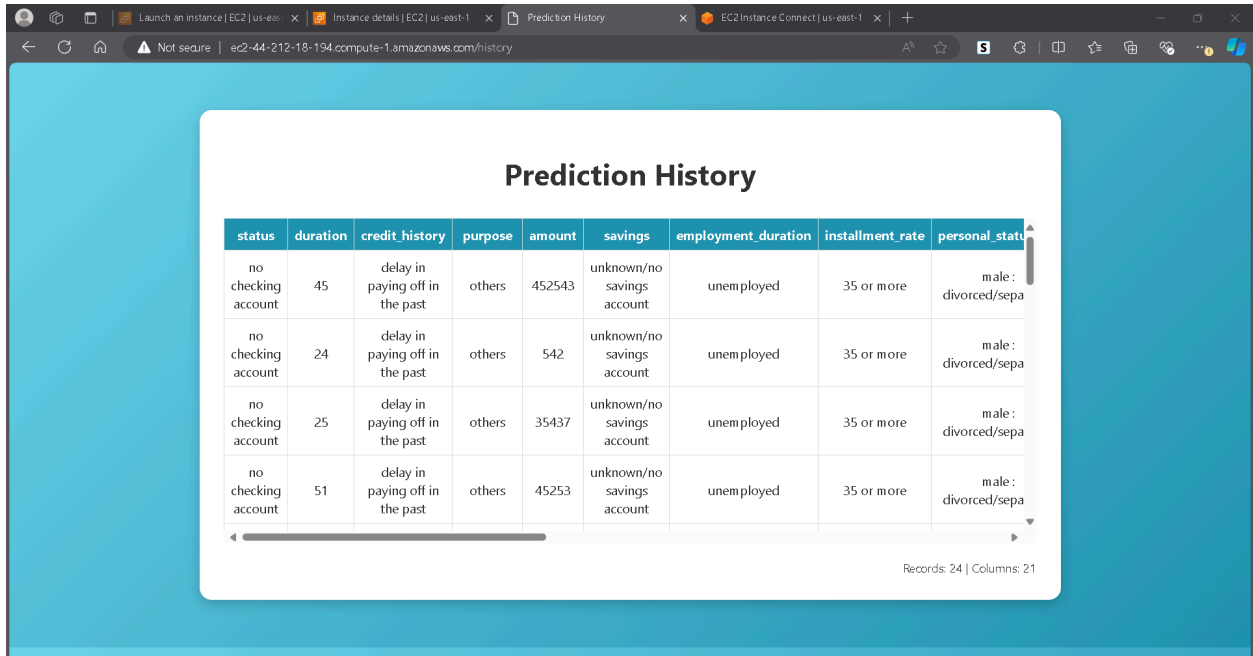
Submit

Prediction: It is not safe to give credit.

View History

5 History

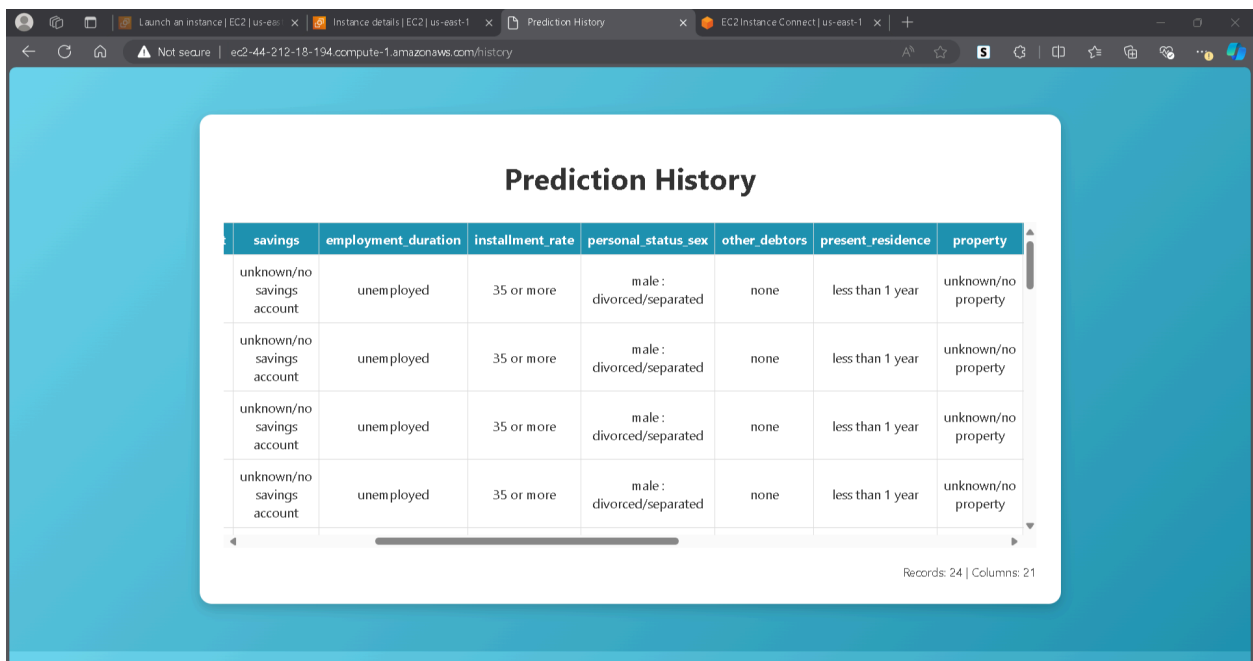
All record previously entered by the user



Prediction History

| status | duration | credit_history | purpose | amount | savings | employment_duration | installment_rate | personal_status |
|---------------------|----------|---------------------------------|---------|--------|----------------------------|---------------------|------------------|----------------------|
| no checking account | 45 | delay in paying off in the past | others | 452543 | unknown/no savings account | unemployed | 35 or more | male : divorced/sepa |
| no checking account | 24 | delay in paying off in the past | others | 542 | unknown/no savings account | unemployed | 35 or more | male : divorced/sepa |
| no checking account | 25 | delay in paying off in the past | others | 35437 | unknown/no savings account | unemployed | 35 or more | male : divorced/sepa |
| no checking account | 51 | delay in paying off in the past | others | 45253 | unknown/no savings account | unemployed | 35 or more | male : divorced/sepa |

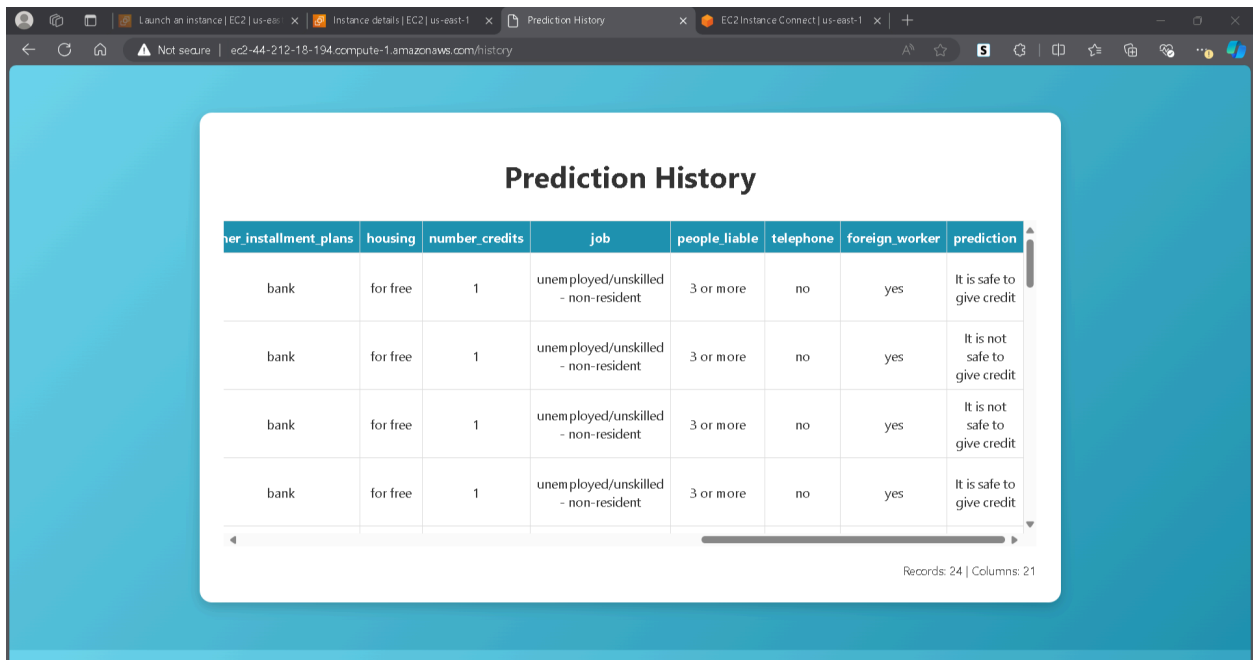
Records: 24 | Columns: 21



Prediction History

| savings | employment_duration | installment_rate | personal_status_sex | other_debtors | present_residence | property |
|----------------------------|---------------------|------------------|---------------------------|---------------|-------------------|---------------------|
| unknown/no savings account | unemployed | 35 or more | male : divorced/separated | none | less than 1 year | unknown/no property |
| unknown/no savings account | unemployed | 35 or more | male : divorced/separated | none | less than 1 year | unknown/no property |
| unknown/no savings account | unemployed | 35 or more | male : divorced/separated | none | less than 1 year | unknown/no property |
| unknown/no savings account | unemployed | 35 or more | male : divorced/separated | none | less than 1 year | unknown/no property |

Records: 24 | Columns: 21



Prediction History

| installment_plans | housing | number_credits | job | people_liable | telephone | foreign_worker | prediction |
|-------------------|----------|----------------|--|---------------|-----------|----------------|-------------------------------------|
| bank | for free | 1 | unemployed/unskilled - non-resident | 3 or more | no | yes | It is safe to give credit |
| bank | for free | 1 | unemployed/unskilled - non-resident | 3 or more | no | yes | It is not safe to give credit |
| bank | for free | 1 | unemployed/unskilled - non-resident | 3 or more | no | yes | It is not safe to give credit |
| bank | for free | 1 | unemployed/unskilled - non-resident | 3 or more | no | yes | It is safe to give credit |

Records: 24 | Columns: 21