

# Credit Card Default Project

## Wireframe

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# About the User Interface:

I designed an attractive user interface, in which a user can enter the attributes of the customer, which are the major predictors of credit card default as per the XGBoost Classifier Model.

They will be given as an input to the model, it makes a prediction of the probability of default in the backend and displays it on the front-end page of the user.

Entire webpage was designed by using Dash library in python using html-core-components and dash-core-components (dcc) and call-backs decorator.

Front-end of my website looks like below:

The screenshot displays a web application titled "Credit Card Default Prediction" running in a browser. The interface includes a sidebar with a GitHub repository link and a main content area with various input fields. The inputs are categorized into demographic (Sex, Education, Marital Status, Age), payment history (PAY\_0 to PAY\_6), and bill payment amounts (BILL\_AMT1 to BILL\_AMT6, PAY\_AMT1 to PAY\_AMT6). A "Predict" button is located at the bottom left, and an "Output" section is at the bottom right. The browser's address bar shows the URL "127.0.0.1:8050".

**Credit Card Default Prediction**

[Github Repository for this project](#)

Limit Balance:

Sex:

Education:

Marital Status:

Age:

PAY\_0:

PAY\_1:

PAY\_2:

PAY\_3:

PAY\_4:

PAY\_5:

PAY\_6:

BILL\_AMT1:

BILL\_AMT2:

BILL\_AMT3:

BILL\_AMT4:

BILL\_AMT5:

BILL\_AMT6:

PAY\_AMT1:

PAY\_AMT2:

PAY\_AMT3:

PAY\_AMT4:

PAY\_AMT5:

PAY\_AMT6:

**Output**