

Loan Approval Prediction App



This app predicts the probability of loan approval based on various factors. Fill in the form below to get your loan approval prediction!

Applicant Information

Age

23

-

+

Loan Grade

F

▼

Annual Income (\$)

69000

-

+

Loan Amount (\$)

25000

-

+

Home Ownership

RENT

▼

Loan Interest Rate (%)

15.75

1.00

30.00

Employment Length (years)

3.00

-

+

Loan Percent Income

8.36

0.00

1.00

Loan Intent

HOME_IMPROVEMENT

▼

Has the person defaulted before?

N

▼

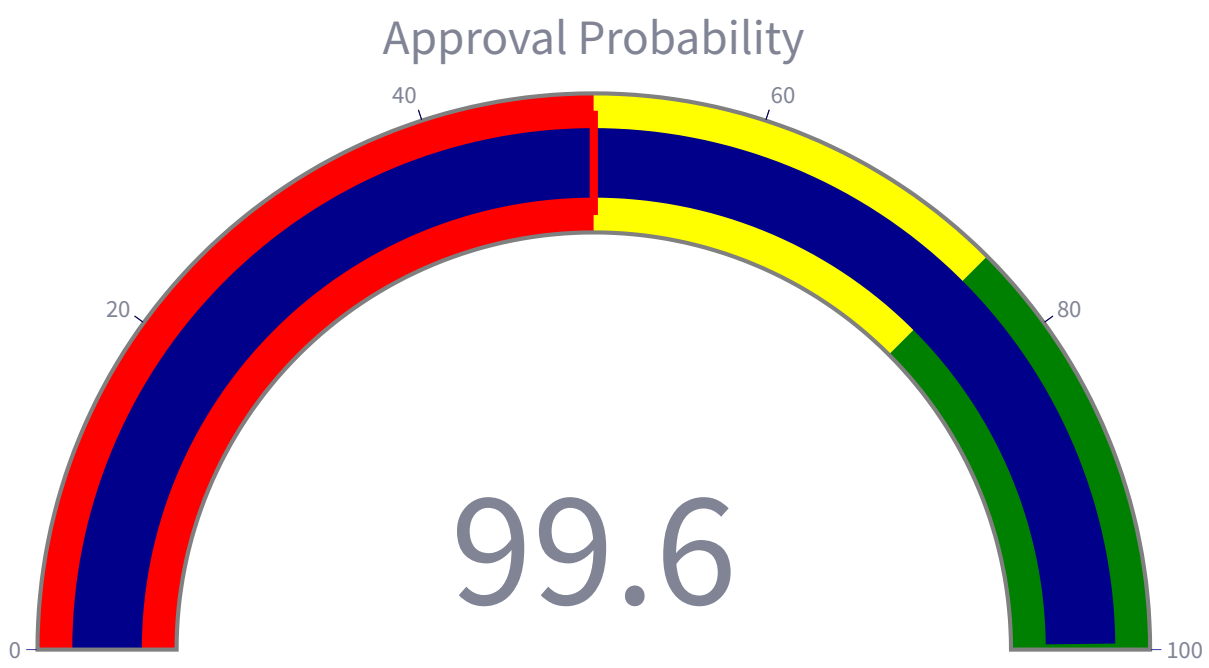
Credit History Length (years)

2

-

+

Predict Loan Approval



Loan Approval Prediction

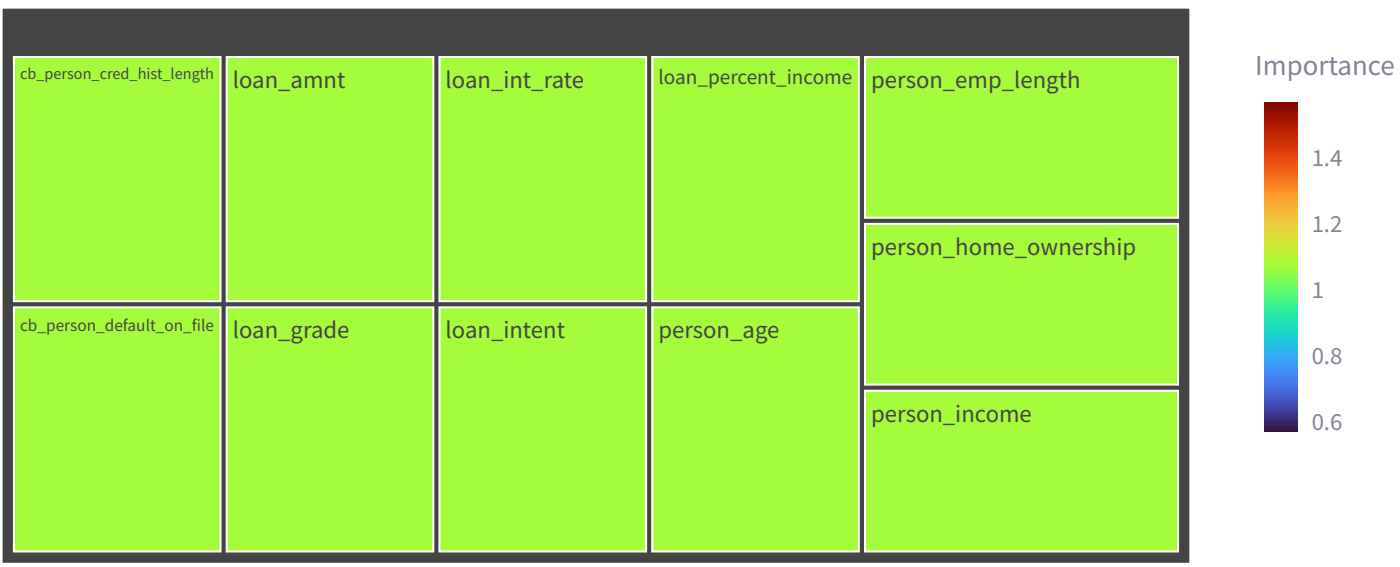
Congratulations! Your loan is likely to be approved with a 99.63% probability.

Important Factors

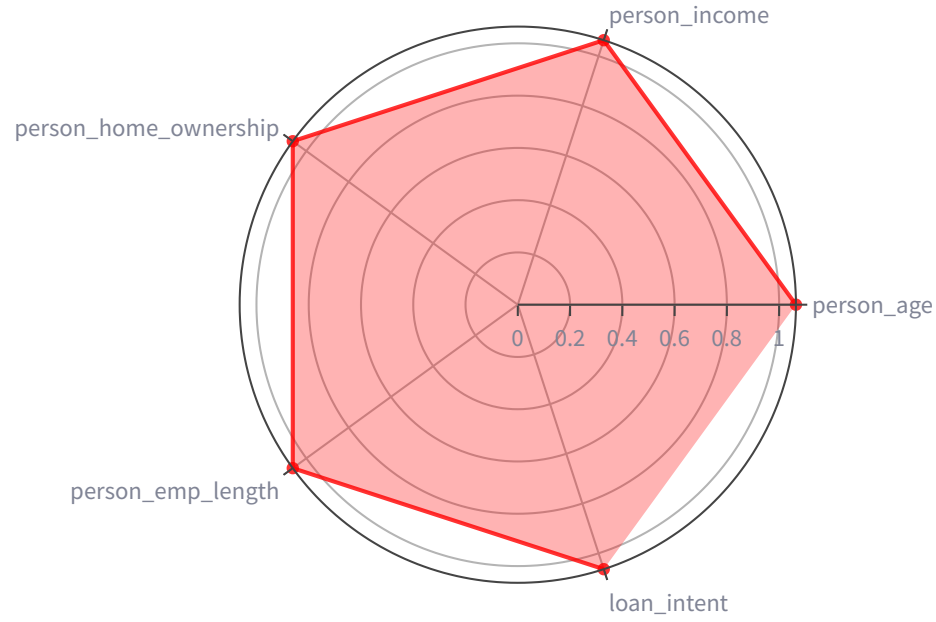
Feature Importance - Bar Chart



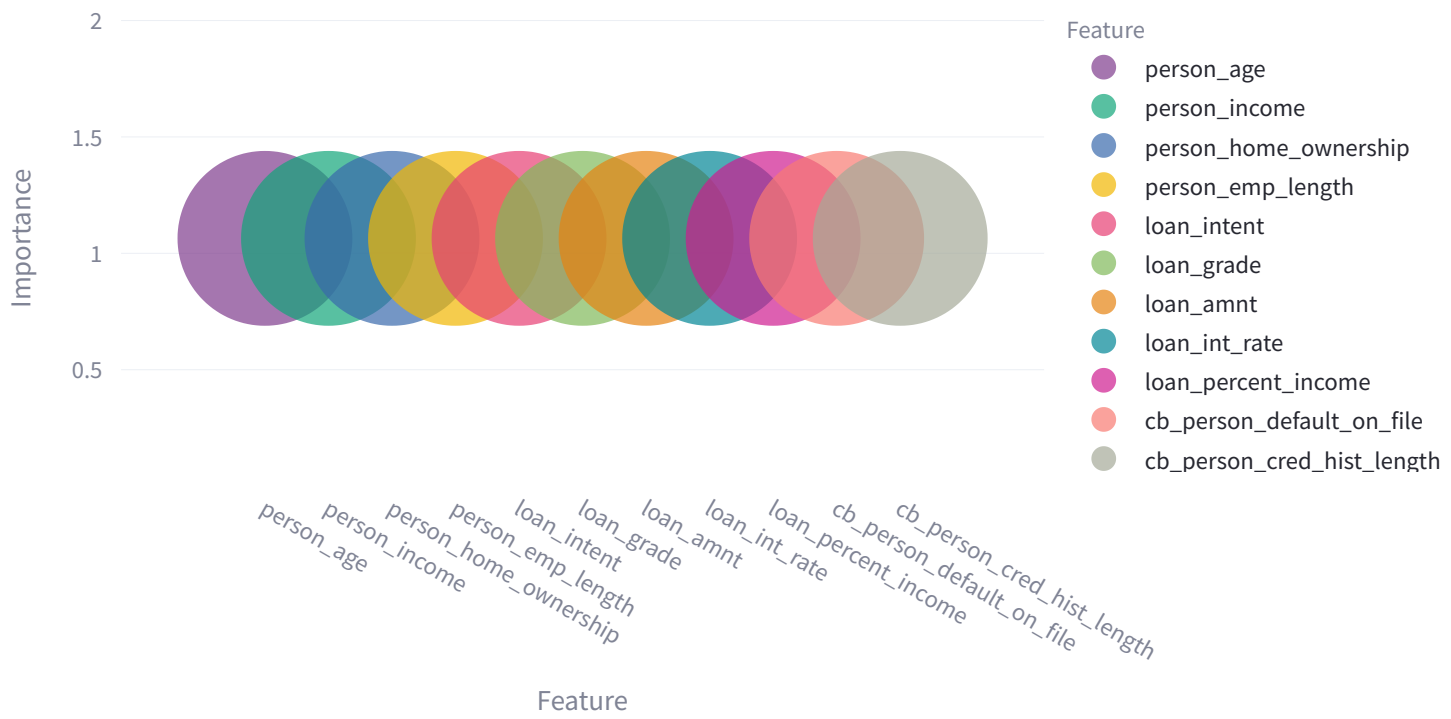
Feature Importance - Treemap



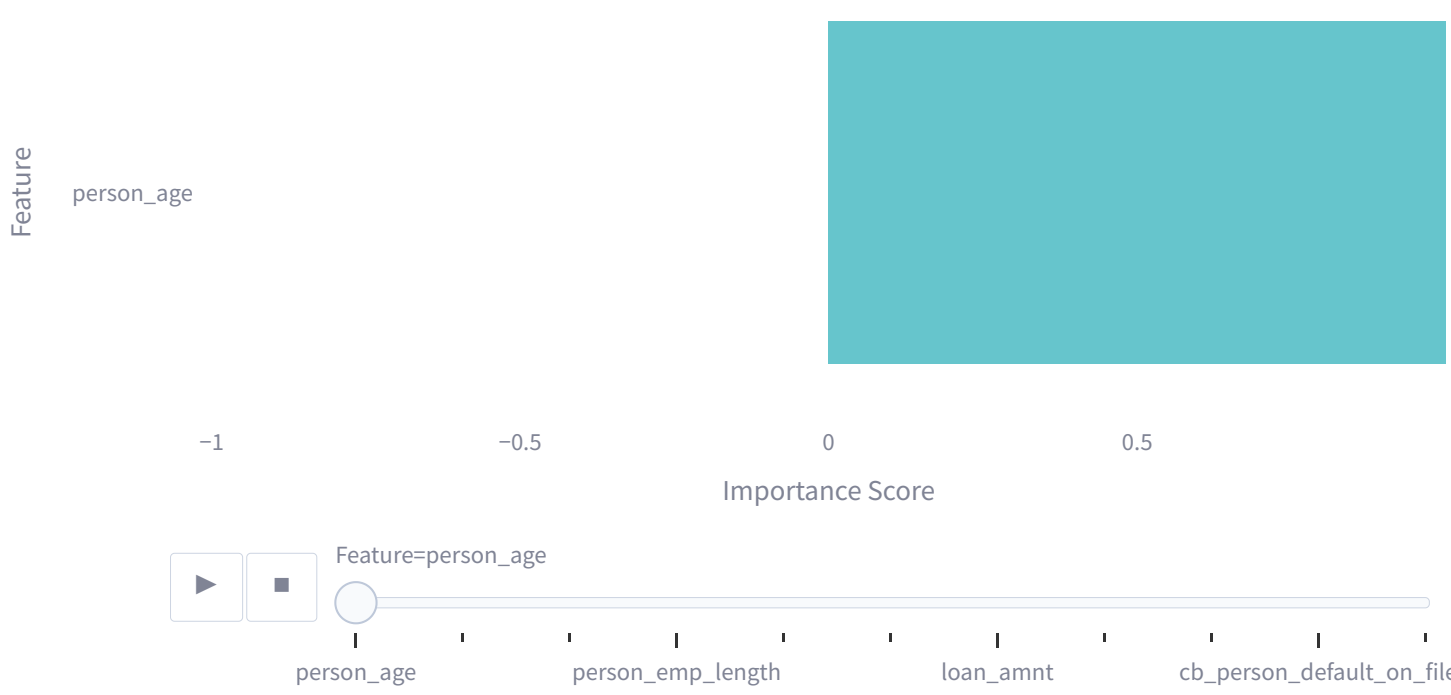
Top 5 Feature Importance - Radar Chart



Feature Importance - Bubble Chart



Feature Importance - Animated Bar Chart



How to interpret the results:

- A probability above 50% suggests a higher likelihood of loan approval.
- The gauge chart visually represents the approval probability.
- The feature importance charts show which factors had the most impact on the prediction.

Please note that this is a predictive model and the actual loan approval decision may involve additional factors and human judgment.