

# Stroke Risk Prediction

Enter patient details to predict stroke risk. All fields are required.

Age

65,00

-

+

?

Hypertension

No

▼

Heart Disease

No

▼

Ever Married

Yes

▼

Average Glucose Level

150,00

-

+

?

BMI

28,00

-

+

?

Residence Type

Urban

▼

Gender

Male

▼

Work Type

Private

▼

Smoking Status

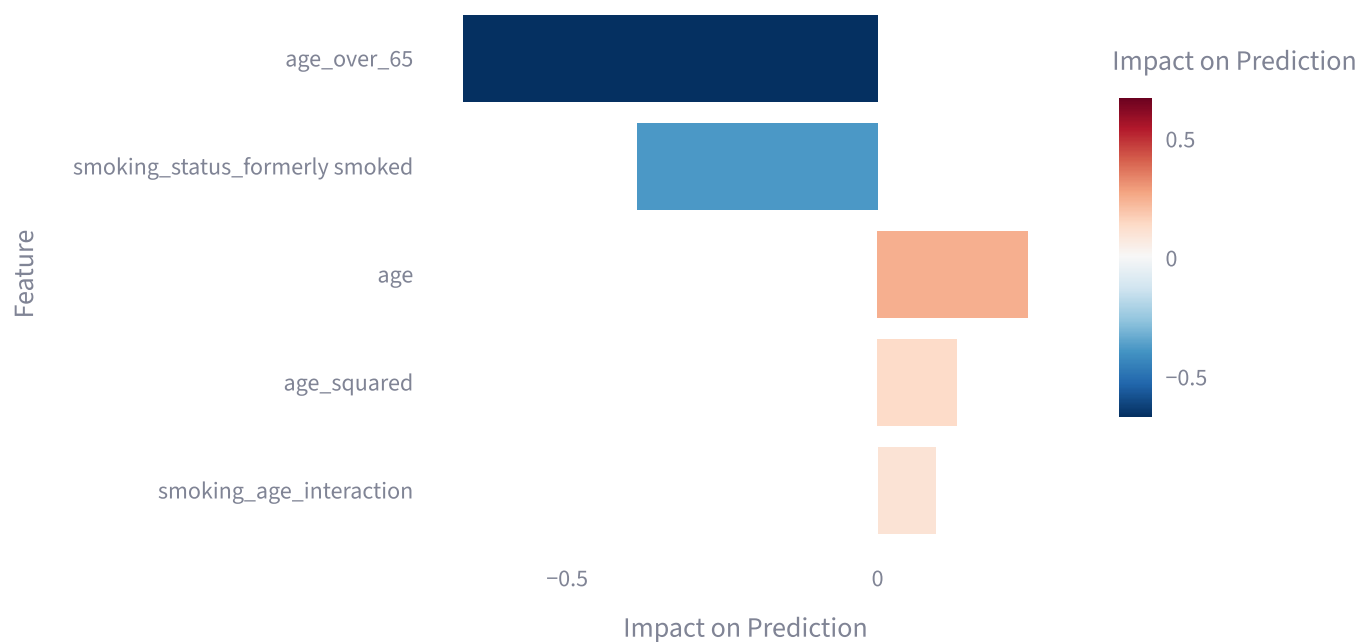
never smoked

▼

Predict Stroke Risk

Predicted Stroke Risk: Low (Probability: 0.240)

## Top 5 Factors Influencing Stroke Risk Prediction



### How to Read the Chart:

This chart shows the top 5 factors affecting your stroke risk. Positive bars (red) mean the factor increases your risk, while negative bars (blue) lower it. Here’s what your values mean:

- Age Over 65: Your value is 0.0, which lowers your risk by 0.668.
- Smoking Status Formerly Smoked: Your value is 0.0, which lowers your risk by 0.387.
- Age: Your value is 65.0, which raises your risk by 0.243.
- Age Squared: Your value is 4225.0, which raises your risk by 0.128.
- Smoking Age Interaction: Your value is 0.0, which raises your risk by 0.093.

**Note:** This app uses a trained XGBoost model with 19 key features, optimized for stroke prediction.