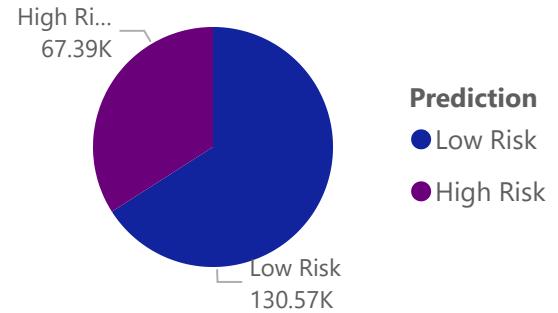


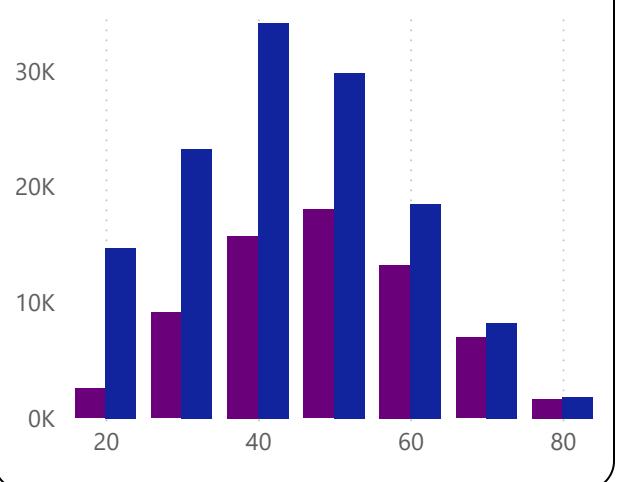
### Count of probability\_high\_risk by Prediction



This is the final pie chart showing the probability of high-risk versus low-risk outcomes.

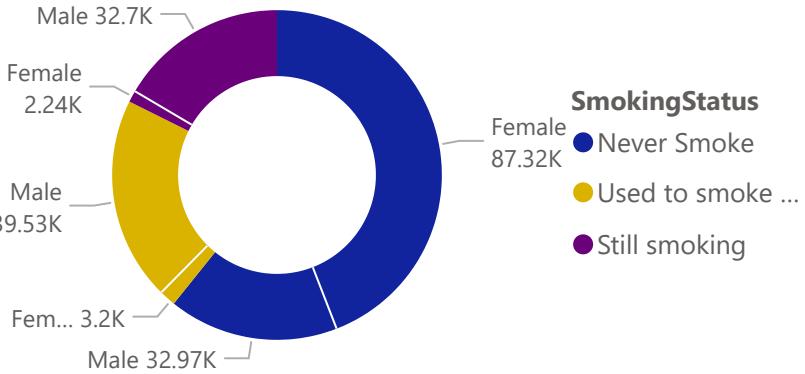
### Prediction by age

Predict... ● High Risk ● Low Risk



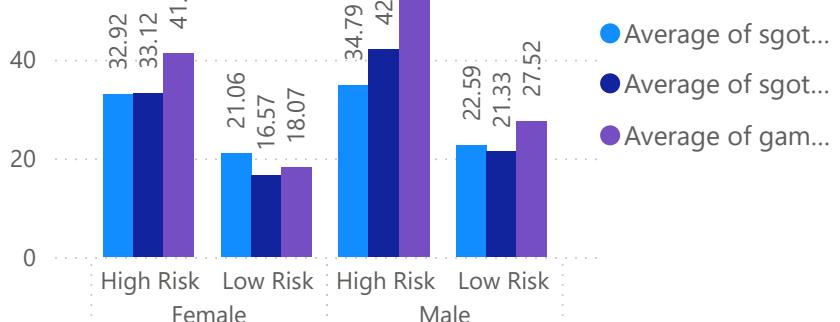
Ages 40–60 are the critical window where rising stress and risk factors make CVD prevention most urgent.

### Prediction by smoking status and gender



CVD risk is sex-specific: women face metabolic threats, while men bear greater smoking-related damage.

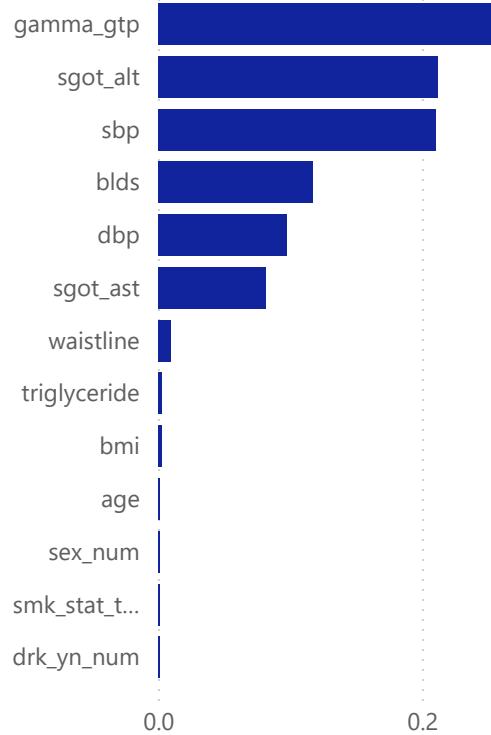
### Liver Enzymes



This visualization shows liver enzyme scores for high- and low-risk cases, with average scores higher in high-risk individuals across both genders.

## Cardiovascular Disease Classification

### Importance of feature



These features predict cardiovascular risk, with Gamma GTP as the key factor.