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(57) Abstract :
The development of coronary artery disease (CAD), a condition that affects millions of people throughout the globe, is impacted by several modifiable risk factors. Predictive models developed using machine learning (ML) algorithms may aid doctors in the early diagnosis of coronary artery disease (CAD) and improving outcomes. Materials and procedures: In this invention, we used different machine learning algorithms to predict the existence of coronary artery disease (CAD) among individuals who were part of the 'Cleveland dataset.' The computer code that was produced is supplied as a functional open source solution with the ultimate objective of developing a viable clinical tool for identifying coronary artery disease.

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