

Problem solvers needed! DATA SCIENCE CHALLENGE

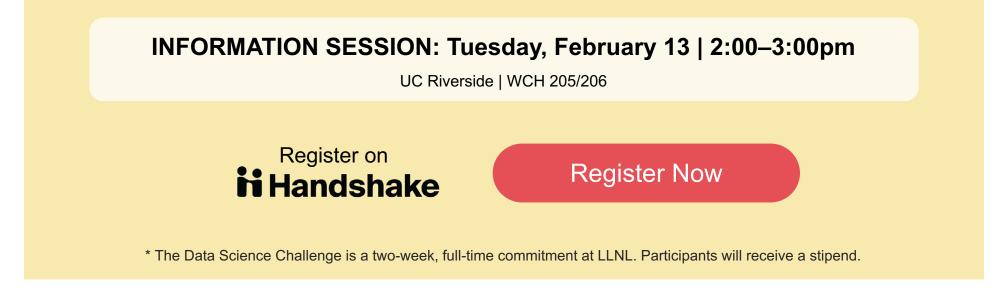
July 22 – August 2, 2024

The Challenge

Cardiac Electrocardiography Using Machine Learning

Solve an exciting problem in cardiology! The electrocardiogram (ECG) provides a noninvasive, cost-effective diagnosis of heart conditions, but the standard 12-lead ECG is inadequate for mapping the heart's electrical activity in sufficient detail for many clinical applications.

In this Challenge, you will explore a data-driven approach to reconstructing electroanatomical maps of the heart at clinically relevant resolutions, combining input from the standard 12-lead ECG with advanced machine learning techniques.



OUFOTIONOO

QUESTIONS?



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