

- Link to the dataset: [Myocardial infarction complications Data Set \(UCI ML Repository\)](#)
- Description of Dataset:
 - Domain: Myocardial infarction (MI), commonly known as a heart attack, occurs when blood flow decreases or stops to a part of the heart, causing damage to the heart muscles.
 - Problems: The dataset was originally proposed to solve two important problems which can help in the early detection of complications in MI based on information about the patient (i) at the time of admission and (ii) on the third day of the hospital period. Another important group of tasks is phenotyping of disease (cluster analysis), dynamic phenotyping (filament extraction and identification of disease trajectories), and visualization (disease mapping).
 - Exclusions planned: None.
- Research Question(s): Which are the most important factors in complication predictions from the date of admission to the end of the 3rd day? Which of these factors can be used for high early likelihood prediction?
- Proposed approach: Classification.