

Project 1 – Water potability

[Dirty Water](#)

Data contains nine physical properties of samples for different water bodies and a field classifying the water as potable and non-potable. Data includes 3,276 entries, and the target (potability) has no null data. This is a problem of general population interest for the health and well-being of the population. It is of interest to public management, companies interested in providing water treatment, the communities around those water bodies.

Project 2 – Credit Approval

[Credit Approval](#)

Data concerns credit card applications with various attributes: continuous, nominal, and wide-ranging values. There are also a few missing values. Data has 690 entries for 6 continuous features, 9 categorical, and the target variable (approval).

Banks, Credit Union, Credit score modeling, and clients applying for a credit card can use this kind of content.

Project 3 - Star Type Classification

[Star Type Classification](#)

Data from NASA for Star Type Classification. It has only 240 entries, 7 features (5 continuous and 2 categorical), and one target.

This is a problem where astronomers and NASA researchers utilize this model to analyze astronomical observation and classify the stars.