Credit One

Data science framework

Introduction:

This presentation will pose the questions/problems we will try to answer by analyzing the provided data.

In addition, we will explain our data science process, which we will follow in the analysis.
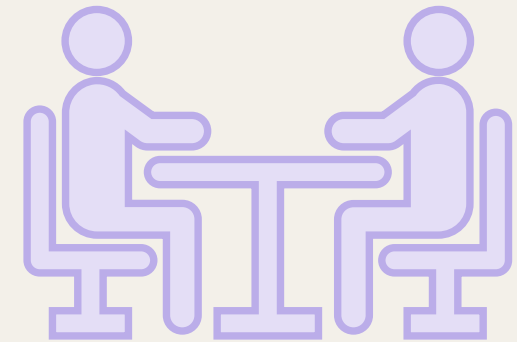
+ Is there a relationship between the amount borrowed and whether the customer goes into default?

+ Can we predict whether a customer is going to default or not?

+ Is there a relationship between customer default and gender?

+ Is there a correlation between the client's default and their age/education/marital status?

+ Can we see a relationship between the customer's non-payment and the amount previously paid?

+ Can we find a correspondence between the customer's payment history and whether the customer has defaulted?

Data science process

Frame the problem

Process the data for analysis

Explore the data and perform the in-depth analysis

Build the model

Evaluate the performance of the model

Report the results