



Partners Certification Programme

Practical Use Case
Challenge

Credit-risk scoring

Your company is committed to a whole End-2-End project using Data-Centric architecture.

You have obtained a sample dataset to analyze your client's business case.

Your challenge is to build a proof-of-concept covering this use case from beginning to end: define a project plan, defend the Data-centric architecture and wrap up with the service's productivization.

Business Case

An important bank needs to filter good and bad client credit scores when receiving a credit request from them. They need this to be automatic, sending to you a message that is similar to the rows in the internal sample dataset.

They also want to leverage on external data, provided as a sample too.

They expect to receive a prediction for each request in real-time, but a near real-time solution will also be considered.

The bank's business analysts want to audit this process using dashboards. The principal requirement is an indicator (red, yellow, or green) representing the credit risk.

Credit-risk scoring

Deliverables

1. General Scope Description (1 document) covering the business case & data understanding
2. High-level Architecture (1-3 slides) defending your Data-Centric solution
3. Technical solution files: we encourage you to use Git

Sample Datasets

[This link](#)

To get more insight on a particular matter, you can contact Stratio Certification Team one of two ways:

- **Questions**

When you need to clarify some concept to start or continue your project

- **Request a piece of the puzzle**

When you lack technical or functional capability to solve something, like the Machine Learning algorithm or some complex data engineering transformation

Note: all additional help provided to you for the carrying out of the project will be reflected in the Certification.

