

# Data Scientist: Take-home

December 2018

## OVERVIEW

Prodigal builds software for lenders to collect more repayments on their outstanding loans. One of our product features listens to voice calls made by the agent to the borrower and proposes specific & actionable insights.

## CONTEXT

It's a bright morning. You walk into the office and learn that we have the opportunity to sell our product to one of the largest banks in the US. Our team is meeting with the customer later in the day to demo what our product can do for them. In preparation for the meeting, the customer shared ~250 call recordings with us.

You are requested to spend a couple of hours and **identify about 15 most interesting call** from this corpus. Based on your selection & arguments, the team will shortlist the right set of calls to demo with the customer & create case studies.

## DATASET

This exercise references to a data set built on top of voice calls. The dataset contains 268 calls and 38 metrics for each call. See [dataset](#) and [metrics reference doc](#).

## GOALS

There is no fixed evaluation criteria for this take-home. However, we want to understand i. how you approach a new dataset, ii. handle outliers & noise, iii. interpret the various features in the reference doc, iv. spot trends in data and v. communicate your findings.