Review

Use the **project rubric** to review your project. If you are happy with your submission, then you're ready to submit your project. If you see room for improvement, keep working to improve your project.

Submission Template

Use the submission template at the bottom of this section to submit your project. After filling it out, save it as a PDF and submit the PDF in the next section. You may also include your Alteryx workflow if you'd like. If your submission does not meet specifications, having the workflow may help the review identify mistakes.

Workflow Template

Use the Alteryx workflow template to help quickly get started with the project. For the sake of the reviews consistency, you must use this Alteryx workflow.

Data

credit-data-training.xlsx - This file contains all credit approvals from your past loan applicants the bank has ever completed.

customers-to-score.xlsx - This is the new set of customers that you need to score on the classification model you will create.

Non Alteryx Software

For students using software other than Alteryx to create the classification models, make sure to format the data as follows and do not sort the data before you run it through your classification models. This allows you to get consistent results reviewers expect.

Variable	Data Type
Credit-Application-Result	String
Account-Balance	String
Duration-of-Credit-Month	Double
Payment-Status-of-Previous-Credit	String
Purpose	String
Credit-Amount	Double

Value-Savings-Stocks	String
Length-of-current-employment	String
Instalment-per-cent	Double
Guarantors	String
Duration-in-Current-address	Double
Most-valuable-available-asset	Double
Age-years	Double
Concurrent-Credits	String
Type-of-apartment	Double
No-of-Credits-at-this-Bank	String
Occupation	Double
No-of-dependents	Double
Telephone	Double
Foreign-Worker	Double

Project Checklist

This is here to make sure you know the concepts necessary to complete the project and that you know where to go find answers if you need help. If you do not feel confident in the topics addressed please review the course material or reach out on the forums, slack, or on a one on one!

☐ Showed which predictor variables are significant or the most important.

☐ Showed the p-values or variable importance charts for all of the models.

☰

I checked the rubric
☐ **https://review.udacity.com/#!/rubrics/265/view**
☐ I have gone to the Forums, Slack, or set up a One on One before
submitting

We have received some feedback around the legitimacy of excluding the Telephone variable since it potentially could be useful to collect debts so could make you more creditworthy. We think this is fair but for the sake of this project please exclude Telephone from your data with the reasoning that there is no logical reason for including the variable.

- Forums: **https://discussions.udacity.com/c/nd008-bizand-classification-models/band-project-4**
- Slack: **https://udacity-pand.slack.com**
- One on One: **https://calendly.com/pand-1-1**

If you run into errors in Alteryx or unexpected results from a tool we have a guide to help you figure out what is going on.

Alteryx Debugging Guide:

https://docs.google.com/document/d/1ec7SiDCMAZAMjbPvL3aegPoL1PZznHarsxEZ4bjptdI/edit?usp=sharing

To Download Files below please right click on the link and select "Save Link As"

Supporting Materials
    Credit Data Training
    Customers to Score
    Submission Template
    Alteryx Workflow Template
    All Project Files

NEXT