

## **DS4A / Colombia 2020:**

### **Project Description Guidelines For Teams**

#### **Context**

In this document we discuss how teams should build the Project Description portion of their Final Project. You should complete the Project Description by the end of Saturday, September 12th.

#### **Project Options**

Your team will either create your own Project Description or adopt a Project Description provided by a Colombian entity from the open projects list depending on which project you are assigned. If you create your own Project Description, the guidelines below help you write up an excellent problem, which will then guide your final project. If you are working on an open project from a Colombian entity, you should use these guidelines to define their problem based on the information you have received from them and the additional research you have done.

#### **How To Describe Your Project**

You should create a document (target length is 1 page) with the following sections:

- Overview of an industry, business or problem
- Define the specific problem that should be solved
- Why does this problem matter?
- What are the datasets that you will consider to solve this problem?
  - You should give a brief description of each dataset. It should give context around what the data represents and how it was collected, and describe the major variables/fields available
  - You can also note that you will be searching for external data sets

Your project description need not have technical details and can be relatively high-level. It just needs to be something that you can start from, and allow you to ask further questions about, if necessary. The project scope may evolve over time, and that is perfectly acceptable.

The important thing is that the Project Description defines the problem, contextualizes the problem, and summarizes the datasets for initial consideration.