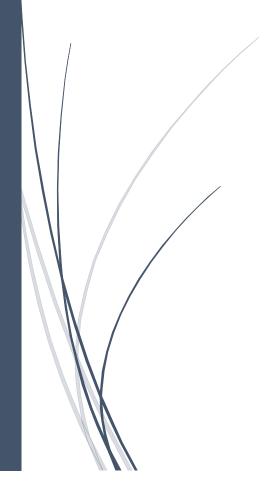
BigData&DataAnalytics

Lesson Learning Data Science Python



Mauricio Carvajal IOT ANALYTICS

Table of contents

1.	Introduction	. 3
2.	Potencial business value	.3
3. N	lain Lessons	. З
4 D	and the second actions	_
4. K	ecomendations	

1. Introduction

The following project consis in an analysis with a full exploration of the Credit One data, that has been provided.

For this project the idea is start using python and jupyter notebook, to perform a EDA (Exploratory Data Analysis Report). And the idea is to understand this data, and get business learnings in order to produce more accurate models of machine learning and data mining.

2. Potencial business value

From the analyss, here are some of the summary of the potencial business value, that the company cann used to improve the situation

- Female have a tendency to have used more the credit, besides the level of education
- The not default payment next month value is 3 than bigger than de default
- Better cliends are single youth Adults and married Adults
- Seniors have a tendency to have more amount of limit credit

All the conclusions from this analysis than can be potential business value are in the jupyter notebook.

3. Main Lessons

The main lessons for this report is the usage of python an jupyter notebook to do all the analyse, but more specify these are the main lessons:

- Before create any model of machine learnings, is a must perfom a EDA (Exploratory Data Analysis)
- Graphics are the best way to summary data,
- In python there are extreamly good libraries for Data Visualization, for exmaple:
 - Matplotlib
 - Seaborn
- Pandas library make very easy the data manipulation in python.

•

4. Recomendations

In this section we discuss the possible recommendations that needs to be follow after the analyss create in this report. It's important to mention that this is an initial analysis.

• As initial analysis, still need to perfrom more detail analysis to provide a suggestion on how to improve the actual situation.

- To improve the situation is always have the rule that is not possible to control the habits on how the customers spend the money.
- The data is needed to be preprocess, and also discretized in order to have groups and can give better advice.