Customer Segmentation Project

Name: Customer Segmentation Project

Report date: 02-Sep-2021

Internship Batch: LISUM02

Specialization: Data Science

Group Name: Data Explorers

GitHub link: https://github.com/joeanton719/Customer-Segmentation-Project

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Business Understanding & Problem Description

Bank XYZ wants to offer Christmas offers to its customers. However, the bank does not want to offer the same offer to all its customers. Instead, they want to deploy the personalized offer to a particular group of customers. It will be not efficient to manually start understanding the category of the customer and they’ll not be able to uncover the hidden pattern in data. ABC analytics assigned this talk to their analytics team and instructed their team to come up with the approach and feature which group similar behavior customer in one category and others in different category. There shouldn’t be more than 5 group as this will be inefficient.

Project Lifecycle

Week 7

Describe the business problem, understand data touch points in the context of business problem. Create project life cycle.

Week 8

Understand the attributes of tha data. Determine methods to overcome possible problems.

Week 9

Clean and transform raw data prior to processing and analysis.

Week 10

Perform explaratory data analysis on the data. Set recommendations based on the results obtained.

Week 11

Create a presentation which describes and visualizes EDA.

Data Intake Report

Version: 1.0

Data intake by: Joseph Antony, Melisa Gözet, Dilem Ünal, Aynur Cemre Aka

Group Name: Data Explorers

Data intake reviewer:

Data storage location: https://drive.google.com/file/d/12r59IXJ1GECKHTgY8erhWgM5H3x\_pJxz/view?usp=sharing

**Tabular data details:**

|  |  |
| --- | --- |
| **Total number of observations** | 1000000 |
| **Total number of files** | 1 |
| **Total number of features** | 48 |
| **Base format of the file** | .csv |
| **Size of the data** | 366.2+ MB |