nucleus
The Analytics Society of SSCBS

S.S. COLLEGE OF BUSINESS STUDIES
विद्या परमं भूषणम्
UNIVERSITY OF DELHI

CASE ROUND

EPSILON 3.0
THE ANALYTICS CONCLAVE
2022

In association with

LAST BENCH.

STOCK EDGE

elearnmarkets

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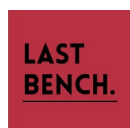
Dunder Mifflin Bank is a financial institution principally engaged in the business of providing finance to the public, whether by making loans or advances or otherwise. It provides loans to the borrower for various purposes ranging from home, auto, student, and small business loans to various others.

It conducts its business operations in the following countries:
- United States of America
- United Kingdom
- Brazil
- India

You are Jim Halpert (their recently appointed Chief Analytics Officer) has received an urgent request from Michael Scott (CFO) to come up with a detailed analysis of the bank's lending data addressing:

1. Derive key insights from the data and create an overall summary of the same.
2. Identify key parameters and their impact on the Probability of default.
3. It has been noticed that the lending patterns differ from one consumer to the next; can you identify the primary factors that contribute to this?
4. The company is considering reducing or shutting down its operations in one of the four countries. Based on the insights derived, which country should they consider and Why?
5. Suggest various measures to improve the overall profitability of the company.

Enclosed is the **Dunder Mifflin data (Epsilon.xlsx)** to be used for this case study.

Guidelines:

- Michael is a very senior executive, has a keen eye for detail, and likes to see quality insights, presented in a well-structured format backed by strong data analysis.

- You are required to present your analysis in a **PPT Format**. The maximum number of **slides is 7** excluding the cover page and thank you slides. Please convert the PowerPoint slides to a PDF while submitting the solution.

- Naming convention of the solution files should be **TeamName_Epsilon3.0** for **PDF and Workbook/Notebook** files respectively. The final upload file should be named as TeamName_Epsilon3.0.

- Please make smart assumptions as needed for the analysis and such assumptions must be explicitly mentioned.

- Use of any open-source tools which can help in getting better insights and analysis of data is permitted.