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Souvik Ghosh

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Personal Details

- **Father's Name:** Tapan Kanti Ghosh
- **Date of Birth:** 28th July 2000
- **Linguistic Proficiency:** English, Bengali, Hindi
- **Gender:** Male
- **Nationality:** Indian

Areas of Interest

- Data Science
- Machine Learning and Big Data Analytics
- Algorithms

Software Skills

- **Languages:** C, C++, Java, Python, Data Analysis Using Python
- **Operating Systems:** Windows, Linux, Android
- **Packages:** SCILAB, Pandas, sklearn, scipy
- **DBMS:** Oracle, MySQL, SQLite

Academic Achievements

- Qualified in GATE 2023 AIR - 774.

Education

Degree	Year	Institute
M.Sc	2023	Department of Computer Science, Banaras Hindu University, Varanasi
B.Sc (CS)	2021	Scottish Church College, University of Calcutta, Kolkata
Class XII	2018	Central Modern School
Class X	2016	Central Modern School

Project Work

M.Sc Minor Project (16/03/2023)

Title: Customer Segmentation using K-means Clustering

Language: Python

Libraries: Pandas, NumPy, Matplotlib, stats, sklearn, scipy

Algorithm: K-Means Clustering

Dataset: OnlineRetail.xlsx (UCI Machine Learning Repository)

Objective:

- Identify valuable customers.
- Determine customer loyalty.

Description: The OnlineRetail.xlsx dataset contains transactions for a UK-based online retail store from December 1st, 2010 to December 9th, 2011. Customers were segmented based on Recency, Frequency, and Total Monetary Spending. Proper utilization of customer segmentation can have a significant positive impact.

Declaration

I solemnly declare that all the above information is correct to the best of my knowledge and belief.

Saturday, 8th April, 2023