

Souvik Ghosh

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github.com/Souvik-prog

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.

	Degree Grade/Percentage	Year	Institute
Education	M.Sc 8.85	2023	Department of Computer Science, Banaras Hindu University, Varanasi
	B.Sc (CS) 8.45	2021	Scottish Church College, University of Calcutta, Kolkata
	Class XII 91.5%	2018	Central Modern School
	Class X 93.2%	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