

Souvik Ghosh

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1 EDUCATION

| Degree/Examination | Year | School/Institute | Grade |
|-------------------------|------|--|-------|
| MSC | 2023 | Department of Computer Science, Banaras Hindu University, Varanasi | 8.85 |
| B.Sc (Computer Science) | 2021 | Scottish Church College, University of Calcutta, Kolkata | 8.45 |
| Class XII | 2018 | Central Modern School, CISCE | 91.5% |
| Class X | 2016 | Central Modern School, CISCE | 93.2% |

2 PROJECTS

2.1 Customer Segmentation using K-means Clustering

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

- **Language:** Python
- **Libraries:** Pandas, NumPy, Matplotlib, stats, sklearn, scipy
- **Algorithm:** K-Means Clustering
- **Dataset:** OnlineRetail.xlsx (UCI Machine Learning Repository)
- **Objective:** Identify valuable and loyal customers. Segment customers based on Recency, Frequency, and Total Monetary Spending.

3 SKILLS

- **Programming Languages:** C, C++, Java, Python, Data Analysis Using Python
- **Operating Systems:** Windows, Linux, Android
- **Packages:** SCILAB, Pandas, sklearn, scipy
- **DBMS:** Oracle, MySQL, SQLite
- **Areas of Interest:** Data Science, Machine Learning and Big Data Analytics, Algorithms

4 ACHIEVEMENTS

- Qualified in GATE 2023 AIR - 774.

5 PERSONAL DETAILS

- **Father's Name:** Tapan Kanti Ghosh
- **Date of Birth:** 28th July 2000
- **Linguistic Proficiency:** English, Bengali, Hindi
- **Gender:** Male
- **Age:** 22
- **Nationality:** Indian

6 DECLARATION

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

Saturday, 8th April, 2023