Souvik Ghosh

Resume

110/22C B.T. Road
Kolkata 700108
✉ *bangalmadritista@gmail.com*
in *souvik-ghosh-78aaab232*
○ *Souvik-prog*

Education

2023 **MSc Computer Science**, *Banaras Hindu University*, Varanasi
CGPA: 8.85

2021 **BSc Computer Science**, *Scottish Church College*, University of Calcutta, Kolkata
CGPA: 8.45

2018 **Class XII**, *Central Modern School*, Council for the Indian School Certificate Examinations
91.5%

2016 **Class X**, *Central Modern School*, Council for the Indian School Certificate Examinations
93.2%

Project Experience

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

Customer Segmentation using K-means Clustering

○ **Language:** Python

○ **Libraries:** Pandas, NumPy, Matplotlib, Seaborn, SciPy, scikit-learn

○ **Algorithm:** K-Means Clustering

○ **Dataset:** OnlineRetail.xlsx (UCI Machine Learning Repository)

○ **Description:** Analyzed a UK-based online retail's transactional data (from 1st December 2010 to 9th December 2011) to segment customers based on Recency, Frequency, and Total Monetary Spending. The objective was to identify valuable and loyal customers to improve business strategies. Customer segmentation, when applied correctly, can yield significant positive outcomes.

Skills

Programming Languages
C, C++, Java, Python, Data Analysis using Python

Operating Systems
Windows, Linux, Android

Packages
SCILAB, Pandas, scikit-learn, SciPy

DBMS
Oracle, MySQL, SQLite

Areas of Interest
Data Science, Machine Learning, Big Data Analytics, Algorithms

Achievements

Qualified in GATE 2023 with All India Rank (AIR) - 774

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

Declaration

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

Saturday, 8th April, 2023