

CHIRAG RAMESH SABLE

(315)-403-4794 | chirag.sable2003@gmail.com | [linkedin.com/in/chirag-sable/](https://www.linkedin.com/in/chirag-sable/) | github.com/chiragsable

EDUCATION

Syracuse University | School of Information Studies | Syracuse, NY

May 2023

MS in Information Management, CAS in Data Science

GPA: 3.91/4

Courses: Introduction to Data Science, Data Administration Concepts and Database Management, Data Analysis and Decision Making, Project Management, Information Management and Technology, Information Policy

University of Mumbai | Mumbai, MH

Jul 2021

B.E. in Computer Engineering

GPA: 9.70/10

Courses: Data Structures, Machine Learning, Analysis of Algorithms, Database Management Systems, Data Warehousing, Digital Signal & Image Processing, Calculus, Linear Algebra, Probability & Statistics

EXPERIENCE

Faculty Exchange Scholar | Syracuse University | School of Information Studies | Syracuse, NY

Sept 2021 – Present

- Completed an exploratory data analysis of the hate speech datasets using Python and Google Colab to get the characteristics of the data
- Collected and filtered the datasets using scikit and pandas (Python) according to the hate speech activity and classified them according to different categories such as if they were targeted to a specific group, to a specific person, and so on
- Extracted scale validation and scale analysis research papers from Google Scholar to prepare a Scales Data Collection database
- Encoded different scale characteristics into scales spreadsheet using the characteristics from the research papers for the purpose of a future project.

Internship Student | Bhabha Atomic Research Centre | Mumbai, MH

Dec 2019 – Jan 2020

- Animated clamps on a fuelling machine using UnityEngine's Animation and Rendering packages
- Scripted a code for the clamps using C# and UnityEngine's Scripting package including testing of the code by the professor
- Structured the clamps so that they could properly align to the head of the fuelling machine
- Implemented an automated code to automate the process of fuelling work saving 5 hours of time which originally it took 8 hours.

TECHNICAL SKILLS/CERTIFICATIONS

Certifications: Certified Blockchain Expert (Blockchain Council), IBM Data Science Professional Certificate

Programming Languages: R, Python (Scikit-learn, Pandas, NumPy, Matplotlib, SciPy), C, SQL, JavaScript, HTML, CSS, Java

Tools: git, Jupyter Notebook, Microsoft Visual Studio, SQL Workbench, SQL Server Management Studio, Tableau, Excel

PROJECTS

Analysis to reduce the number of cancellations in a hotel booking

Nov 2021 – Dec 2021

- Created an R project to analyze the behavioral patterns of customers who cancel the hotel booking as well as who doesn't and predict who will cancel booking and used linear modeling, support vector machine, ksvm modeling, and association rule mining models to predict the cancellations and then provide a recommendation to the hotel
- Developed in a group of two people using the real-life hotel stay data that contains various attributes related to hotel booking
- Visualized with the help of bar graphs, line graphs, histograms, and maps helped to understand the trend patterns of the customers better

London vs New York? What is your choice? Let the Data decide!

May 2020 – Jun 2020

- Developed a project to analyze neighborhoods in the two cities, extracted neighborhood information from Wikipedia using REST API, Urllib, and BeautifulSoup Web scraping tools, and generated the latitudes and longitudes using Geocoder package along with ArcGIS geocoder and GeoPy library
- Performed exploratory data analysis using Foursquare API to get the top venues and used K-Means clustering algorithm to group neighborhoods, and mapped clusters using a color coded system for visual data representation
- Created map of the cities using Folium map package and Matplotlib with the neighborhoods superimposed on the top

LEADERSHIP

Community Service Director | Rotaract | Mumbai, MH

Jan 2020 – Jun 2020

- Organized and managed a blood donation drive by creating a team of 30 members and delegating responsibilities to each member
- Developed and implemented a marketing and education initiative by creating awareness programs in 10 housing societies about the importance of blood donation and urged the rare blood group donors to donate more