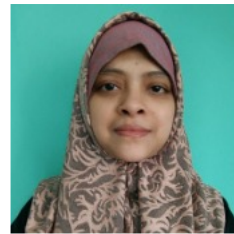


# MUSARRAT SHAIKH

Data Analyst



## PERSONAL DETAILS

Thane - Mumbai, 400612 THANE

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Gender: Female

Nationality: Indian

Website: musarrat06.github.io

LinkedIn: linkedin.com/in/musarrat-shaikh-40002223b

## PROFILE SUMMARY

Enthusiastic and results-driven Data Analyst with a strong foundation in MySQL, Python, Statistics, Machine Learning, and Power BI. Proven ability to leverage analytical skills and domain knowledge to derive valuable insights from complex data sets. Adept at developing and implementing machine learning models to solve real-world problems. Seeking a challenging position in the field of data science to apply my technical skills, contribute to innovative projects, and continuously grow in a dynamic and collaborative environment.

## EDUCATION

**Bachelor of Commerce**

Ramanand Arya D.A.V College, Mumbai

Jun 2009 - 2010

## SKILLS

SQL

Machine Learning

Statistics

Tableau

Advanced Excel

Python

EDA

Power BI

Deep Learning

SAS Programming

## COURSES & CERTIFICATIONS

**Data Science**

OdinSchool

Oct 2023

## EMPLOYMENT

### Deputy Manager

HDFC Bank, Mumbai

Dec 2018 – Dec 2020

### Executive

Axis Bank Ltd, Mumbai

Sep 2011 – Dec 2018

## CAREER BREAK

- I took a career break in 2020 due to a family emergency (bereavement) amid the pandemic.

## CAREER TRANSITION

- Transitioning my career to Data Science for long-term growth and new challenges. Armed with a completed Data Science course, I am eager to apply my versatile skill set innovatively in data-driven roles. With a proactive and adaptable approach, I am committed to contributing to dynamic data science environments, ensuring a seamless shift toward fulfilling my long-term professional goals in the realm of data analytics and machine learning.

## INTERNSHIPS

### Data scientist

LetsGrowMore, Mumbai

30 Days

Aug 2023 – Aug 2023

### Data scientist

TechnoHacksEducTech, Mumbai

30 Days

Sep 2023 – Sep 2023

### Data Analyst

MeriSkill, Mumbai

45 Days

Oct 2023 – Nov 2023

## PROJECTS

### Credit Card Approval :

- **Aim:** Develop a predictive model for credit card approval.
- **Brief Description:** Conducted in-depth analysis and developed a predictive model for credit card approval, leveraging machine learning techniques. Examined financial data and utilized algorithms to assess creditworthiness.
- **Conclusion:** The model demonstrated robust performance in assessing credit card applications.
- **Project Link:** [View](#)

### Covid19 Prediction :

- **Aim:** Predict the impact of COVID-19 based on symptoms and demographic factors.
- **Brief Description:** Employed data-driven approaches to predict the impact of COVID-19 based on symptoms and demographic factors. Contributed to public health insights through statistical analysis and machine learning modeling.
- **Conclusion:** The model provided valuable insights into predicting the potential impact of the virus.
- **Project Link:** [View](#)

#### House Price Prediction :

- **Aim:** Develop a model for estimating property prices.
- **Brief Description:** Utilized machine learning algorithms to Email Spam Detection Employee Attrition Prediction analyze housing market trends and factors influencing property values for accurate predictions.
- **Conclusion:** The model demonstrated accurate predictions of property prices.
- **Project Link:** [View](#)

#### Email Spam Detection :

- **Aim:** Implement advanced algorithms for accurate spam detection.
- **Brief Description:** Implemented machine learning algorithms to enhance email communication security by accurately identifying and filtering out spam emails.
- **Conclusion:** The model significantly improved the accuracy of spam detection.
- **Project Link:** [View](#)

#### Diabetese Prediction :

- **Aim:** Develop a precise and accurate machine learning model for early diabetes detection.
- **Brief Description:** Utilize advanced ML algorithms to analyze medical data, providing a user-friendly tool for healthcare professionals to predict diabetes early. Emphasis on scalability and interpretability.
- **Conclusion:** The project aims to make a significant impact on healthcare by offering a reliable and accessible solution for early diabetes detection, empowering timely interventions and improved patient care.
- **Project Link:** [View](#)

#### Employee Attrition Prediction :

- **Aim:** Utilize historical employee data to forecast potential attrition.
- **Brief Description:** Developed models to identify patterns and factors contributing to employee turnover, facilitating proactive HR measures.
- **Conclusion:** The model provided valuable insights into employee attrition. **Project Link:** [View](#)

#### Handwritten Digit Recognition :

- **Aim:** Build a Convolutional Neural Network (CNN) for recognizing and classifying handwritten digits.
- **Brief Description:** Engineered a CNN for recognizing and classifying handwritten digits, applying computer vision techniques to enhance accuracy and efficiency.
- **Conclusion:** The model achieved high accuracy in digit recognition.
- **Project Link:** [View](#)

#### Image to Pencil Sketch with Python :

- **Aim:** Implement image processing techniques to transform images into sketches.
- **Brief Description:** Implemented image processing techniques in Python to transform regular images into visually appealing sketches. Explored grayscale conversion and artistic rendering for creative visualization.
- **Conclusion:** The project demonstrated effective image enhancement and creative rendering.
- **Project Link:** [View](#)

#### Iris Flower Species Prediction :

- **Aim:** Apply supervised machine learning for species prediction based on botanical features.
- **Brief Description:** Introduced to supervised machine learning principles through the classification of Iris flowers. Applied decision tree algorithms for species prediction based Stock Market Prediction.
- **Conclusion:** The model achieved accurate species classification.
- **Project Link:** [View](#)

#### Stock Market Prediction :

- **Aim:** Develop a predictive model using stacked.
- **Brief Description:** Developed a predictive model using stacked LSTM neural networks for stock market forecasting. Analyzed trends and fluctuations to provide valuable insights for investment decisions.

- **Conclusion:** The model demonstrated effectiveness in forecasting stock market trends.
- **Project Link:** [View](#)

#### Data Management and Analysis with SQL – Mavenmovie:

- **Aim:** Demonstrate proficiency in data management and SQL queries by executing tasks on the Maven-Movies database, ensuring precise and efficient data handling.
- **Brief Description:** Executed tasks on Maven-Movies, showcasing proficiency in data management and SQL queries. Implemented database tasks with precision, ensuring efficient data handling and retrieval.
- **Conclusion:** Successfully showcased advanced skills in SQL, emphasizing precision and efficiency in data management. The project underscores the significance of SQL in extracting meaningful insights from the Maven-Movies database for informed decision-making.
- **Project Link:** [View](#)

#### Data Management and Analysis with SQL – IG\_Clone :

- **Aim:** Demonstrate expertise in data management and SQL queries through tasks executed on the IG-Clone database. Emphasize precision in implementing database tasks for efficient data handling.
- **Brief Description:** Executed tasks on IG-Clone database, showcasing proficiency in data management and SQL queries. Implemented database tasks with precision, ensuring efficient data handling and retrieval.
- **Conclusion:** Successfully showcased proficiency in SQL and data management by executing tasks on the IG-Clone database. Implemented precise database tasks, ensuring efficient data handling and retrieval. The project highlights the adept use of SQL for effective data analysis.
- **Project Link:** [View](#)

#### Power BI Data Visualization Projects :

- **Pizza Sales Analytics:** Utilized Power BI to analyze and visualize sales data, providing key insights into pizza sales trends. Applied data modeling techniques and implemented DAX functions to create interactive dashboards, enhancing data exploration and interpretation.
- **Sales Data BI Solution:** Designed and implemented a comprehensive BI solution for sales data analysis using Power BI and SQL. Developed interactive dashboards that empowered stakeholders with actionable insights, facilitating informed and data-driven decision-making.
- **Project Link:** [View](#)

## HOBBIES

- Sketching

## LANGUAGES

English

Hindi