

# SHIFA SIDDIQUE

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## Key Skills

- **Programming Languages:** Python, R
- **Software and Libraries:** Scikit-learn, Pandas, Numpy, Matplotlib, Seaborn, Tensorflow
- **Analysis & Visualization:** Tableau, Excel
- **Databases:** MySQL Workbench, BigQuery
- **Framework & Tools:** MS Office, VS Code, PyCharm

## Projects

### Sentiment Analysis | Python, ML, NLP

Dec 2023 - Mar 2023

- The project used a dataset obtained from Kaggle, which contained tweeter dataset.
- I cleaned and preprocessed the data using Python and NLP libraries, and then split it into training and testing sets.
- I trained ML model using various techniques and achieved an accuracy rate of 99%.
- This project aims to classify review the positive and negative sentiments based on their content.

### Tableau: Netflix data dashboard | Tableau

Nov 2023

- Created interactive dashboard and published it online to share
- Learnt how to connect to different data sources such as Excel, text files
- Created variety of charts including bar chart, line chart, maps, tables
- Understood how joins work

### SQL: EDA on food prices data | MySQL Workbench

Jun 2023 - Jul 2023

- Insights like which states have had the highest price under each food category and commodity
- Average price of each category items
- Created a column zone to find the average price of items zone wise
- Self-taught MYSQL commands and queries

## Experience

### Institute of Mathematics & Applications

May 2023

Conducted a comprehensive session on Data Analysis using Excel & Covered key aspects including:

Bhubaneswar, Odisha

- Data Cleaning
- Data Visualization
- Data Validation
- Grouping Data

### Silicon Institute of Technology, Bhubaneswar

Dec 2023 - May 2024

Sentiment Analysis Project - Bhagwat Prasad Chaudhury

Bhubaneswar, Odisha

- Utilized a Kaggle Twitter dataset, performed data cleaning and preprocessing using Python and NLP libraries, and split the data into training and testing sets.
- Trained machine learning models using various techniques, achieving an accuracy rate of 99%.
- Developed a project to classify reviews based on positive and negative sentiments derived from their content.

## Education

### Institute of Mathematics & Applications

2022 – 2024

Master's in Mathematics with Data Science

Bhubaneswar, Odisha

### Ispat Autonomouse, Sambalpur University of Odisha

2019-2022

Bechlors of Commerce(Hons)

Rourkela, Odisha

### Deepika English Medium School (CBSE)

2019

Senior Secondary-CBSE

Rourkela, Odisha

### Deepika English Medium School (CBSE)

2017

Secondary-CBSE

Rourkela, Odisha

## Positions of Responsibility

**Volunteer:** At the International Conference on 'Mathematical Analysis & Applications' and 50th Annual Conference of Odisha Mathematical Society at Institute of Mathematics and Applications.