

Name: Roshan Ray
Phone: 7978031990
Email ID: roshanray199@gmail.com

SUMMARY

A highly motivated and enthusiastic professional with strong analytical skills and Programming expertise, including proficiency in Python and SQL. Adept at extracting insights from large and complex datasets using state-of-the-art tools and techniques. Committed to applying skills and Knowledge to challenging real-world problems and making a meaningful impact in the field of data science.

- Github: Link [Roshanray \(Roshan Ray\) \(github.com\)](#)
- LinkedIn: Link [linkedin.com/in/roshan-rays](#)

KEY SKILLS

- **Python Library:** Pandas, NumPy, Seaborn, matplotlib, Scikit-learn, Stats model, API
- **MySQL:** Data Query and Manipulation (Efficient in DQL And DML)
- **Machine Learning Algorithms**
- **Supervised Learning:** Linear Regression OLS, Gradient Decent Regressor
- **Classification Model:** Random Forest, Decision Tree, KNN Naïve Bayes classifier
- **Boosting Models:** Cat Boost, Gradient Boosting, Light GBM
- **Clustering:** KMeans, Agglomerative, Hierarchical
- **Data Visualization:** Data Visualization In python, Power BI, Pandas, Matplotlib, Seaborn
- **Data Analysis:** Python, SQL, Excel, Data Cleaning, Programming, Analytics problem Solving, Statistical analysis

ACADEMIC PROJECTS

1. **Project Title:** - Prediction of Duration of Stay in Hospital for Each Patient
 - **Description:** The task is to accurately predict the Length of Stay for each patient on case-by-case basis so that the Hospitals can use this information for optimal resource allocation and better functioning.
 - **Technologies Used:** Python, scikit-learn, Pandas, Seaborn, Matplotlib
 - **Skills Developed:** Data visualization, feature engineering, Statistical analysis

2. Project Title: - About Food Demand Forecasting

- **Descriptions:** Demand forecasting is a key component to every growing online business. Without proper demand forecasting processes in place, it can be nearly impossible to have the right amount of stock on hand at any given time. A food delivery service has to deal with a lot of perishable raw materials which makes it all the more important for such a company to accurately forecast daily and weekly demand.
- **Technologies Used:** Python, scikit-learn, Pandas, Seaborn, Matplotlib
- **Skills Developed:** Data visualization, feature engineering, statistical analysis

HACKATHONS/OTHER CERTIFICATIONS

- Insurance Claim Prediction by Analytics vidhya
- Janatahack: Healthcare Analytics by Analytics vidhya
- Taxi Trip Fare Predictor Challenge by Machine Hack
- Digit Recognizer by Kaggle
- Big Mart Sales Prediction by Analytics vidhya
- Titanic by Kaggle
- Black Friday Sales by Kaggle

EDUCATION

Course	Institution	Year
Post Graduate Program in Data Science and Engineering	Great Lakes Institute of Management	Oct-2022 - Mar-2023
BE/B. Tech	Gandhi Institute for education and Technology	2016 - 2020
12 th Std	Agarpada college Agarpada	2014 - 2016
10 th Std	Krushna Charan Vidya Mandir (Agarpada)	2014