Kironmoy Roy

DATA SCIENCE STUDENT

Contact

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LinkedIn

GitHub

Kolkata, West Bengal

Skills

Languages: Python, SQL, R Studio

Framework: Scikit-Learn, NumPy, Seaborn, Ggplot2, Pandas, Matplotlib, R-Markdown, R-shiny

Database Systems: MySQL

Miscellaneous: SPSS, Anaconda, Jupyter, Power bi.

Position of Responsibility

Kalyani Mahavidyalaya
Class Representative

Certification

Data science course from 1stop
LINK

Profile

Keenly interested in Probability, Statistical Analysis, Problem Solving, and their applications in real-world scenarios. A fast learner with a healthy background in Statistics, computer science, and mathematics who is eager to work on projects for companies and gain real-world experience.

Education

Chennai Mathematical Institute   **Master of Science**
Data Science, 2023 - Present   CGPA: 7.75/10.00
Key Courses - Data Structures & Algorithms, Visualization, RDBMS, Python, R Language, Linear Algebra & its applications.

Kalyani Mahavidyalaya   **Bachelor of Science**
Statistics, 2019-2022   CGPA: 7.87/10.00
Key Courses - Probability Distributions, Linear Models, Mathematical Analysis, Linear Algebra, Statistical Computing using R, Sampling, Sampling Distributions, Statistical Inference and Hypothesis Testing

Projects

Statistical Data Analysis on "Relation between Depression and Anxiety" (LINK)

University of Kalyani | 2022

My objective in this project is to predict the level of depression and level of anxiety on the basis of unhealthy bad habits or lifestyle and find the correlation between depression and anxiety.

I used -

- Snowball Sampling technique to collect the data
- Descriptive Analysis for the first part
- Regression Analysis for the second part.

Exploratory Data Analysis on Lung-Cancer Dataset with R

Chennai Mathematical Institute | 2023|**LINK**

R-Shiny - **LINK**

Tools Used : ggplot2, R-Markdown, R-shiny, R

My objectives in this project are to determine the main symptoms of Lung Cancer, Relationship between Smoking and Lung Cancer, Which Age group has the highest chance of being affected by Lung Cancer.

Super Store Sales Dashboard

Chennai Mathematical Institute | January 2024| **LINK**

Tools used: Power Bi

- Dashboard creations.
- Data Analysis.
- Important Insights given.

Laptop Price Predictor (LINK)

Supervised Regression Problem |2024

- Performed data cleaning and preprocessing, followed by EDA. Did One Hot Encoding on nominal categorical features.
- Experimented with various models like Linear and Logistic Regression, Random Forest, K Means etc. Calculated R2 and MAE Score for every model.