

# AVIRUP CHAKRABORTY

Bachelor of Statistics (Honours), 2<sup>nd</sup> year  
INDIAN STATISTICAL INSTITUTE, KOLKATA



## EDUCATION

Undergraduate

**Indian Statistical Institute**

- 2022 onward Kolkata
- Bachelor of Statistics
- Avg. Performance: 90.9 % (1<sup>st</sup> Year)

Higher Secondary

**Ramakrishna Mission**

**Vidyalaya, Narendrapur**

- 2020-2022 Narendrapur
- Stream: Science (Statistics as optional)
- HS Result: 96.6 %

Secondary

**Sodepur High School**

- 2014-2020 Kolkata
- MP Result: 96.3 %

## ACHIEVEMENTS

- Secured Rank **228** in **WBJEE** (2022).
- Selected in admission test of Ramakrishna Mission Residential College, Narendrapur (**RKMRC**).
- State rank below **20** in **HS** and **MP**.
- Selected for **NMMS** Scholarship.

## LANGUAGE

Bengali English Hindi

## HOBBIES

- Rubic's Cube** Solving
- Painting
- Watching Movies, TV series

## PERSONAL INFO

- DOB : 22/04/2004 Khardaha, Kolkata West Bengal, India
- (+91) 9051389014
- chakrabortyavirup62@outlook.com
- <https://www.linkedin.com/in/avirup-chakraborty-45006428b>

## PROJECTS

### ACADEMIC

#### Under **KIRANMOY DAS**

Associate Professor, Interdisciplinary Statistical Research Unit, ISI Kolkata

##### *Exploratory Data Analysis on the Factors Affecting Car Price*

- A group project to analyse the **linear relationship** between different car features and car price.
- Comparison of **coefficient of determination ( $R^2$ )**.

Link for the Presentation: [see now](#)

##### *Body Performance Analysis*

- A group project to fit **multiple linear regression model** to predict the body performance of athletes using the data on their health.
- Next, there is a strategy to overcome the effect of missing values on datasets using **Simulation**.

Link for the Document: [see now](#)

#### Under **MRIDUL NANDI**

Professor, Applied Statistics Unit, ISI Kolkata

##### *Discussion on Zero Knowledge Proof*

- A summer learning project about **zero knowledge (ZK)** definition and construction of ZK proofs for different situation.

##### *Wordle Bot*

- A **probabilistic** model to give hints while playing the popular game **wordle**.
- And a working model of Wordle game.

(I used HTML, CSS, Js and Python to make a **web application**)

Link for the Web app: [GitHub](#)

### PERSONAL

- Making a personal website. (Still working)
- A game in unity. (Still working)
- Game in pygame (Pong). Link: [GitHub](#)

## SKILLS

- Computer Languages: Python, R, C, Js, HTML, CSS, Latex
- Computer Softwares: Excel, Word, PowerPoint, Blender, Unity
- Interest: Applied Statistics, Probability, Web Dev, Game Dev