

Avinaba Ghosh

MCKV Institute of Engineering
Contact No:(M) +91 8017986265
[Email](#) | [LinkedIn](#) | [GitHub](#)



Education

Skill Academy By Testbook Data Science Career Program	Aug 2022 - Ongoing
MCKV Institute of Engineering, Liluah B.Tech (AUE), 9.11 CGPA	Aug 2019 - Ongoing
The George Telegraph Training Institute, Kolkata 2 years Diploma (AUE), 77.60 %	2018
Birati Mahajati Vidyamandir (H.S.) HS, 67.33 %	2016

Experience / Internship

Research Intern - Internship, Logiczap Nextgen Technologies
Mar 2022 - Apr 2022

- I have published a research paper on the topic “Design of thermal management system for lithium-ion battery pack using thermoelectric cooling system ”

Technical Skills

Tools: MySQL, Python, Scikit Learn, Numpy, Pandas, Matplotlib, Seaborn, Django*, Flask*, Streamlit*

Skills: EDA, Web Scraping, Machine Learning*
*in progress

Projects

1. User Count Predictor

Created a total number of user registration predictor using the Bike Sharing Dataset.

- Explored & performed Data Pre-Processing using pandas.
- Performed EDA & Graphical Analysis & prepared Data for Machine Learning Modelling. Applied various regression techniques to narrow down the best model using various Machine Learning Model Evaluation Metrics.
- Created a web application called Rentals Predictor using Flask.

Tools/Technologies Used: Python, EDA, Machine Learning, Flask

Project Link: [User Count Predictor](#)

2. Exploratory Data Analysis on US Honey Production

Conducted analysis on honey production in the USA from the year 1998 to 2021.

- Explored & performed Data Pre-Processing
- Plotted different plots using Matplotlib library for extracting insights from the data like Year wise production per state, Honey producing trends, and the relation between honey production and value per production, etc.

Technologies used: Python, EDA

Project Link: [US Honey Production-EDA](#)

Web Scrapping and EDA on IMDB Dataset

Conducted web scrapping on the IMDB website and EDA on that

- Scrape the IMDB website with the BeautifulSoup library in HTML format
- Then created an IMDB top 250 data frame
- Plotted different plots using Matplotlib library for extracting the insights from the data like Top director names as per movie count

Technologies used: Python, EDA, Web Scrapping

Project Link: [Web scrapping and EDA on IMDB dataset](#)

Achievements/Extra Co-curricular Activities/Position of Responsibility

- Awarded for being the **Batch Topper 2022-23** at MCKV Institute of Engineering.
- Secured **Second position** in the “Technical Poster Presentation” in PRAGATI 2023, Tech-Fest of MCKV Institute of Engineering.
- Awarded **First Prize** for making E-Cycle in “Skill Fare 2018” of The George Telegraph Training Institute in the year 2018
- Awarded **First Prize** for making E-Cycle in “**Skill Fare 2018**” of The George Telegraph Training Institute in the year 2018.
- Presented Poster at National Conference **APPSCICON’22** in MAKAUT, WB on 28th May 2022
- Speaker of a Graphic Design Workshop by The StartUp Club by MCKVIE and The Rotaract Club of MCKVIE on 18th Feb 2021
- Secured **Second position** in the “Technical Poster Presentation” in PRAGATI 2023, Tech-Fest of MCKV Institute of Engineering.
- Student Member of **Internal Complain Committee** of MCKV Institute of Engineering
- Core Member of **The StartUp Club by MCKVIE**

Personal Dossier

- ✓ Father’s name: Late Arunava Ghosh
- ✓ Mother’s name: Putul Ghosh
- ✓ Permanent Address: 6, Indira Nagar, Saratbose Road, P.O. - Rajbari, Kolkata - 700081

- ✓ Address for correspondence: 6, Indira Nagar, Saratbose Road, P.O. - Rajbari, Kolkata - 700081
- ✓ Date of Birth: 07-10-1998
- ✓ Nationality: Indian
- ✓ Gender: Male
- ✓ Marital Status: Single
- ✓ Languages Known: English, Hindi, Bengali

References

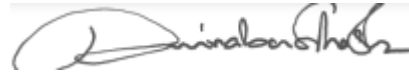
- **Mr. Animesh Talapatra**, Assistant Professor & Head Of the Department of Automobile Engineering, MCKV Institute of Engineering, Phone: +91 9681659618, Email: animesh.talapatra@gmail.com
- **Mr. Asish Kr Bose**, Assistant Professor and ex-Head Department of Management Science and Humanities, MCKV Institute of Engineering, Phone: +919836250597, Email: asish.ju@gmail.com
- **Mr. Sourav Rakshit**, Director of Logiczap Nextgen Technologies, Phone: +91 6291782384, Email: sourav.logiczap@gmail.com

Declaration

I hereby declare that the above information is true to the best of my knowledge.

Place: Birati

Date: 22-04-2023



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