Chirantan Sayan

IMSc. Mathematics & Computing
at Birla Institute of Technology Mesra
CGPA:7.1
UGC-NET Qualified (DEC-2022)
CTET Qualified (Paper II)
Integrated BEd.-MEd.

P - H.No.15,NIJMANDHARA,Dist-Jamtara-815359
A.P - S.P.College, Rashikpur, Dumka-814101
Mob.: +91-8210839529
Email.:chirantansayan@gmail.com

Links

Github:// **chirantansayan**
LinkedIn:// **chirantan-sayan-42025b168/**
Kaggle:// **chirantansayan**

Skills

OS
Linux, Windows

LANGUAGES
Java, Python

OFFICE
MS Office, Powerpoint, Excel

OTHERS
Sublime Text, Eclipse,
Adobe Illustrator, Photoshop,
VS Code

Coursework

Structures
Algorithm
Discrete Mathematics
Mathematics
MySQL

Education

DEC-2022
HIGHER EDUCATION
UGC-NET Qualified AP

2016-2021
IMSC. IN MATHS AND COMPUTING
Birla Institute of Technology, Mesra
CGPA : 7.1/10

2015-2016
INTERMEDIATE
D.A.V Public School, Sec-04, Bokaro
Percentage: 78.33%

2013-2014
HIGH SCHOOL
St. Joseph's School, Dumka
Percentage: 83.66%

Achievements/Awards

2021 **Kaggle Competition** **Participated**
In this Competition Used ADABoost and RandomForest Algorithm to predict Future sales of products with 94% accuracy.

2021 **Creating dataset of two-point boundary Value System using MATLAB** **Thesis**
In this paper we worked to find different types of Boundary Value Problems and solving them in order to create a Dataset. This dataset can be used further to understand the nature of BVPs and how complex differential equations can behave to different boundary conditions. Most of the work is done on MATLAB R2021a.

Personal Project

2020 **Book-Crossing: EDA and Recommender** **ML**
An Idea to use Collaborative Filtering based recommender System to recommend books.

2019 **Analysing Baby Names** **EDA**
Exploratory Data Analysis using Numpy, Pandas and Matplotlib.

Online Certifications

Data

2019 **Data Structures** **An Online Course by Coursera**
Binary Search Tree
Priority Queue
Hash Table
Stack (Abstract Data Type)
List

Python, Pandas, Numpy, Scipy

2019 **Introduction to Data Science in Python** **An Online Course by Coursera**
Understand techniques such as lambdas and manipulating csv files.
Describe common Python functionality and features used for data science.
Query DataFrame structures for cleaning and processing.
Explain distributions, sampling, and t-tests.

Data analysis, Python, Pandas, Numpy, Scipy