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Mahatma Gandhi Avenue
Hall 4, NIT Durgapur, WB.

Work Interest

- Data Analyst
- Consultant
- Assistant manager

EDUCATION

- **N.I.T. DURGAPUR**
  M.Tech in Operations Research(2022-24)
  7.75 CGPA(upto 3nd Semester)
- **M.N.N.I.T. ALLAHABAD, PRAYAGRAJ**
  M.Sc. in Mathematics and Scientific Computing
  7.52 CPI on 10 point scale
- **BUNDELKHAND UNIVERSITY JHANSI**
  B.Sc. in Mathematics and Physics
  62.15%
- **G.T.V. INTER COLLEGE, ERACH JHANSI**
  Senior Secondary XII in Science (2015)
  83%
  Secondary X in Science (2013)
  84.3%

SKILLS

- C Programming
- Python
- SQL
- R

VISUALIZATIONS TOOLS

- MS Excel
- Power BI
- NumPy
- Pandas
- Matplotlib
- Seaborn

Statistics, Operations Research, Operations Management, gurobi,
Machine Learning,Markrting Research, Supply Chain Management, Modeling and Simulations.

Language

- Hindi
- English

CHHATRA PAL SINGH

(Data Analyst)

M.Tech in Operations Research

National Institute of technology, Durgapur

ABOUT ME

Dedicated and results-oriented Data Analytics professional skilled in statistical analysis, data visualization, and machine learning. Proven ability to transform complex datasets into actionable insights for informed decision-making. Consider myself a responsible and orderly person. I like to find innovative solutions to complex problems and work up to perfection.

PROJECTS

- **MOVIE RECOMMENDER SYSTEM USING PYTHON**

  This is a Data Analysis Project.
  in this project I have developed a python code using python libraries numpy, pandas and sklearn. In this project i have learn the code recommend five another movies by giving your movie that are similar based on some characteristics like cast,crew, overview, etc.

- **INTERMODAL FIXED RADIUS DENSITY-DEPENDENT COVERING SALESMAN PROBLEM IN UNCERTAIN ENVIRONMENT (ON GOING)**

  In this project I have developed a C source code to find the optimum covering distance between the given cities in which we use the standered source matrix as a dataset and for model solving we use Genetic Algorithm. And also used the concept of intermodel transportation and drayage distance.

- **EXACT SOLUTION FOR SHOCK WAVE PROBLEMS (M.SC. 2021)**

  This is a mathematical Project in which i have found the exact solution of shock wave problem by using self similarity transformation. In this project we use the fundamental equations,describing the one dimensional, unsteady, isothermal, and cylindrically symmetric motion of an inviscid, electrically conducting, rotating perfect gas in the presence of an axial magnetic field.

ACHIEVEMENTS

- Qualified GATE(MA) 2022
- Qualified GATE(ST) 2023
- Qualified IIT JAM 2019

CERTIFICATES:

- Machine Learning Specialization from Stanford University and deeplearning.AI via Coursera.
- SQL for Data Science from University of California Davis via Coursera
- Complete a 2 days workshop on Data Science in IIT Kharagpur with certificate.

DECLARATION

I hereby declare that the information given above is true and correct.

Date: 26/01/2024
Place: NIT Durgapur

Signature: