

ANSH GUPTA

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Profile

Motivated individual with strong work ethics and ability to work independently as well as in a team. Good problem solving ability and keen interest in Machine Learning.

Education

University of Petroleum and Energy Studies, Dehradun	(2019 - Present)
- Bachelor of Technology Computer Science Engineering CGPA: 8.99	
Mercy Memorial School, Kanpur	(2018 - 2019)
- Senior Secondary School Science Grade: 90.5%	
Mercy Memorial School, Kanpur	(2016 - 2017)
- High School Science Grade: 90.4%	

Academic Projects

Second Hand Car Price Prediction (May 2021 - July 2021)
- In this project, I have developed an end to end machine learning project using Regression algorithm. This application helps to determine the second hand price of an Indian car on the basis of the year the car was bought, transmission type, fuel type, owner number, etc. For training the machine learning model, the CarDekho dataset of second hand car prices has been used in this project. This project is implemented using Python language.

Dynamic Memory Manager in Linux using C (Sept. 2021 - Dec 2021)
- In this project, a customized Dynamic Memory Manager has been developed in place of the standard Glibc library. This customized memory manager addresses the issue of memory fragmentation. It also shows statistics of memory in use via every structure, that helps in detecting memory leaks. This project is implemented in Linux operating system using C language.

Research and Publications

A Comparative Study of Amazon Product Reviews using Sentiment Analysis
- Authors: Avita Katal, Ansh Gupta and Aryan Rastogi

Languages & Tools

Java | Python | C | Machine Learning | Eclipse | Jupyter Notebook | Scikit Learn

Positions of Responsibility

Head of Events (May 2021 - Present)
- Computer Society of India – UPES
- I organize technical and non-technical events for students in my college in online as well as offline mode.

Certifications

- **Data Science Orientation**
- **Tools for Data Science**
- **Machine Learning with Python**