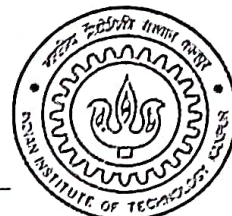




# Students' Placement Office, IIT Kanpur

## Project Verification Form



Title	Students' Placement Office	PREDICTION OF CAR PRICE USING MULTIPLE REGRESSION MODEL
Commencement Date		15.04.2023
Completion Date		05.05.2023
Project Supervisor		AYAN CHANDRA
Organization/Institution where the Project was accomplished		ST. XAVIER'S COLLEGE, KOLKATA

Project Description (You can use extra A4 sheets in case you run out of space however the extra sheets should also have the seal & signature of the Project Supervisor or the relevant authority)

Problem: This is a typical prediction problem in the automobile sector.

Briefs: I became interested in this project after watching various youtube videos and browsing kaggle.com, where, I found the "car-price-Assignment.csv" data set by Manish Kumar. The dataset containing info about different types of cars and their characteristics including fuel type, car length, car weight etc.

Main objective was to analyze, preprocess, cleaning the data set then apply my multiple linear regression model on it. Additionally, I choose my ultimate significant predictors and by that model predicted the car price and reported.

By appending your signatures to this form you acknowledge and agree that:

- This form along with the certificate would serve as the official document between the project supervisor and Students Placement Office, IIT Kanpur regarding verification of the student's project work
- The student will provide additional information and documentation relevant to his/her project upon request by the Students' Placement Office
- The student has clearly defined his/her individual role in projects done in cooperation with other students, faculty, groups or company personnel.
- Incorrectly over-stating the reach, impact and/or quantitative/qualitative results of a project is unethical.
- In case of violation of any of the above rules, Students' Placement Office, IIT Kanpur reserves the right to take necessary action including de-registering the student from the placement season and reporting the misconduct to the Institute Authorities.

Submitted by:-	Project Supervisor Details:-
Name: ARPAN SAMANTA	Name: AYAN CHANDRA
Roll No: 3-14-20-0425 (SXC) 241080058 (IITK)	Designation: Faculty Member, Dept. of Statistics, SXC
Signature: Arpan Samanta	Signature: A. Chandra 12.07.24.