

SPRINT 1

Team ID	PNT2022TMID22229
Project Title	Car Resale Value Prediction
Team Members	Harish.K Karanraj Faseel Ahamed syed Afzal Rahuman

Step 1: First enter the login details of your IBM Account.

VEL TECH HIGH TECH DR RANGARAJAN DR SAKUNTHALA ENGINEERING COLLEGE

careereducation.smartinternz.com/college/vel-tech-high-tech-dr-rangarajan-dr-sakunthala-engineering-college-530

Please refer to the project timelines - Click Here Every assignment will have 1 week of time to submit.

Log in as

Log in as Student

hatchuk77@gmail.com

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PROJETS

FAQ's

Facing Any Difficulties to Onboard?

Mrs. Dr.S.Durga Devi
sdurgadevi@velhightech.com
Associate Professor

27°C Mostly clear

Search

ENG IN

20:29 18-11-2022

Step2: This is the workspace where the project details are available and the workflow of the project is shown.

The screenshot displays the IBM Career Education Smart Internz workspace. The browser address bar shows the URL: careereducation.smartinternz.com/Student/guided_project_info/14045#. The workspace is titled "Guided Project" and includes tabs for "Project Workspace" and "Chat with Mentor".

On the left sidebar, a vertical list of project steps is shown, with "Car Resale Value Prediction" highlighted in green. The steps include:

- Project Objectives
- Project Flow
- Pre-Requisites
- Prior Knowledge
- Project Folder Structure
- Collect Dataset
- Pre-Process The Data
- Model Building
- Application Building
- Train The Model On IBM
- Ideation Phase

The main content area displays the "Car Resale Value Prediction" project details. It includes a description of the project, a technical architecture diagram, and a list of steps.

Car Resale Value Prediction

With difficult economic conditions, it is likely that sales of second-hand imported (reconditioned) cars and used cars will increase. In many developed countries, it is common to lease a car rather than buying it outright. After the lease period is over, the buyer has the possibility to buy the car at its residual value, i.e. its expected resale value. Thus, it is of commercial interest to sellers/financers to be able to predict the salvage value (residual value) of cars with accuracy.

In order to predict the resale value of the car, we proposed an intelligent, flexible, and effective system that is based on using regression algorithms. Considering the main factors which would affect the resale value of a vehicle a regression model is to be built that would give the nearest resale value of the vehicle. We will be using various regression algorithms and algorithm with the best accuracy will be taken as a solution, then it will be integrated to the web-based application where the user is notified with the status of his product.

Technical Architecture:

The diagram shows a flow from "Data" to "Train Set" and "Inputs". The "Train Set" leads to a "Model" (represented by a box with a plus sign), which then leads to "Outputs". The "Inputs" also lead to the "Model".

The bottom of the screen shows a Windows taskbar with the date and time: 20:30, 18-11-2022.