

Project Design Phase-II
Data Flow Diagram & User Stories

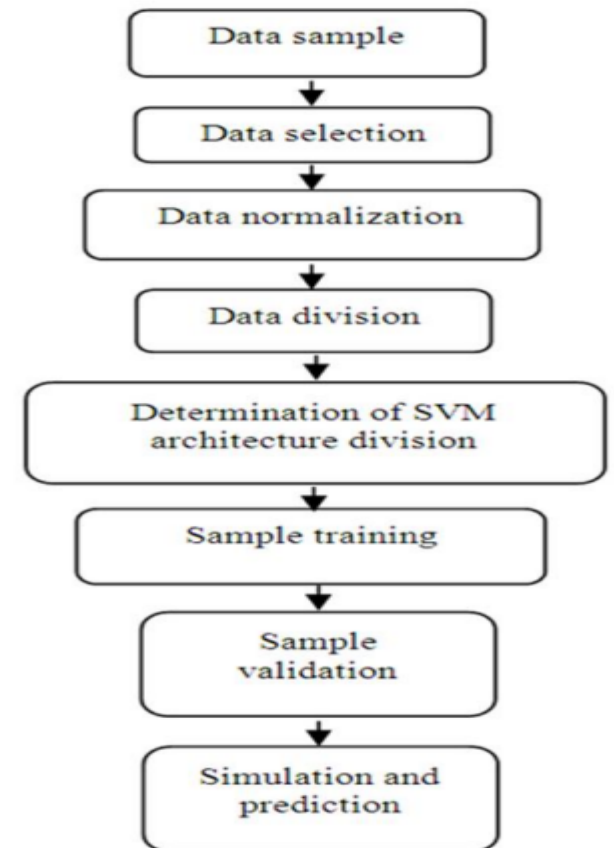
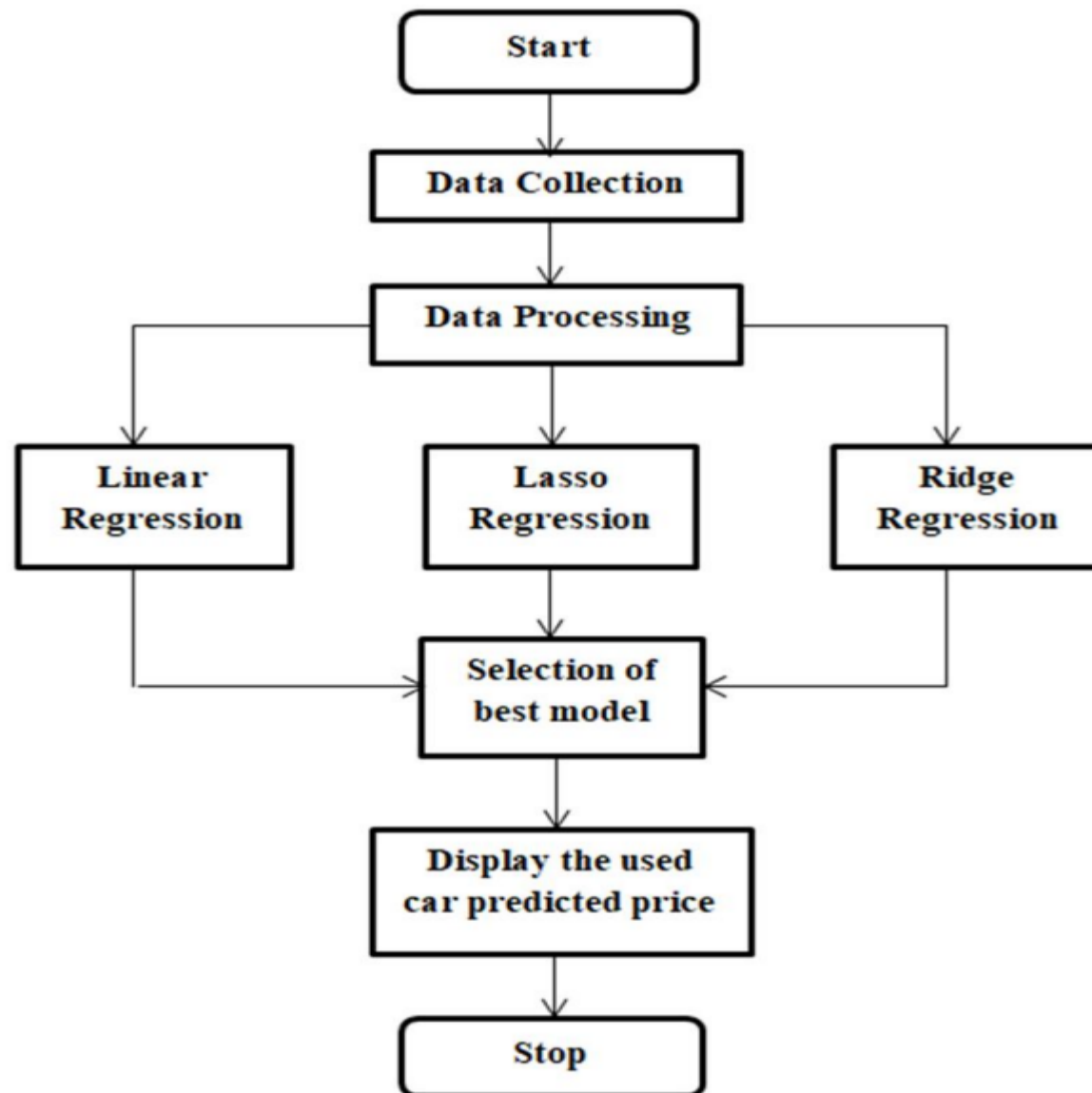
Date	31 October 2023
Team ID	Team-591995
Project Name	Project - car purchase prediction using mL
Maximum Marks	4 Marks

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

Example: DFD Level 0 (Industry Standard)

Example: [\(Simplified\)](#)



User Stories

Use the below template to list all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer	Registration	USN-1	Create user registration form	User can enter their name,email,and password -form includes validation for email format and password strength-user account is created and stored in database	High	Release-1.0
		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Release-1.0
		USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Release-1
		USN-4	As a user, I can register for the application through Gmail		Medium	Release-1.0
	Login	USN-5	As a registered user i want to log into my account(create login page)	User can enter their email and password-successful login redirects to the prediction dashboard-failed login shows error message	High	Release-1.0
	Car data input		As a user i want to input data about car i'm	Users can enter details	High	Release-1.0

			interested in car purchasing(implement car data input)	like make, model, year, price range, etc. - Form includes validation for required fields. - Data is stored for prediction.		
Prediction Request	As a user, I want to request a prediction for the car I entered.		Add a "Get Prediction" button.	Users can enter details like make, model, year, price range, etc. - Form includes validation for required fields. - Data is stored for prediction.	High	Release-1.0
Feedback Submission	As a user, I want to provide feedback on the predicted price.		Create a feedback form.	Users can enter comments and a rating on the prediction. - Feedback is stored for analysis.	Medium	Release-1.1
User Profile	As a user, I want to view and edit my profile information.		Develop a user profile page.	Users can view their profile details. - Users can edit and update their profile information	Medium	Release-1.1
Admin Dashboard	As an admin, I want to have access to an admin dashboard.		Create an admin dashboard.	Admins can log in with specific credentials. - Dashboard displays user statistics and feedback.	High	Release-1.1
Data Analysis	As a data analyst, I want to analyze user feedback for improvements.		Implement data analysis tools.	Access to user feedback data for analysis. - Generate insights and reports on user feedback.	High	Release-1.2

Model Improvement	As a developer, I want to improve the machine learning model.		Develop an enhancement plan.	Model improvements implemented based on analysis results. - Performance and accuracy of predictions increase.	High	Release-1.2
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