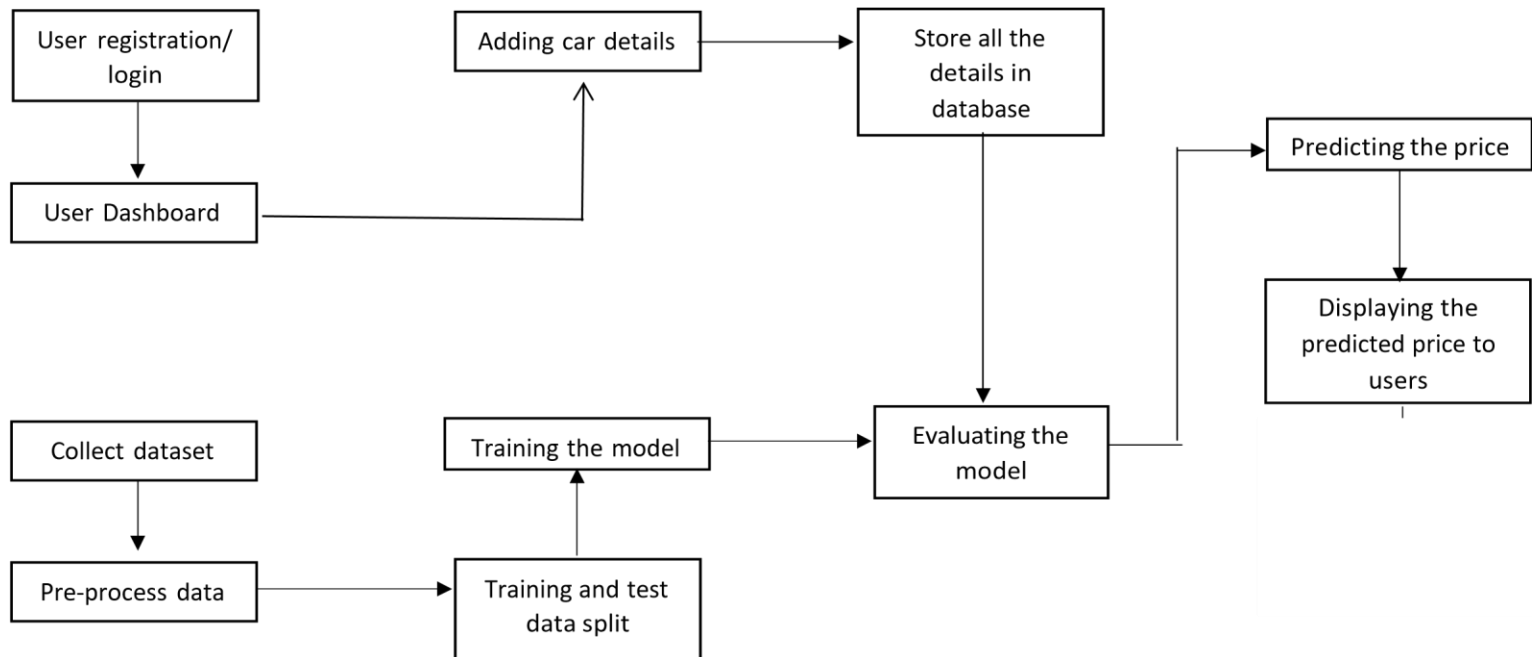# Project Design Phase-II
Data Flow Diagram & User Stories

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.

User Stories:

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Admin	Dataset	USN-1	Gather the information needed to make the car resale prediction.	enough data has been gathered to train the model.	High	Sprint-1
	Data preprocessing	USN-2	Perform data cleaning to optimize the dataset	Clean Dataset enough to make correct predictions	High	Sprint-1
	Training & Building Model	USN-3	Build the model using regression algorithms to classify the data	Model should be used for Predicting perfect valuation of the car.	High	Sprint-1
	Deploy the model	USN-4	Deployment of ML model using IBM Cloud	Model should be working fine from the cloud	High	Sprint-2
	Integrate the web app with the IBM model	USN-5	Use flask for the integration purpose.	The model ought to be simple to use and reliable on the web application.	High	Sprint-2
Customer	Homepage	USN-6	Information on the application and the process for selling used cars	We can get an idea about how to use these models.	Medium	Sprint-2
	Registration	USN-7	User can register the application by entering email, password, and confirming my password.	user can access my account /dashboard	High	Sprint-3
		USN-8	user will receive confirmation email. Once they have registered for the application	user can receive confirmation email	High	Sprint-3
	Login	USN-9	user can log into the application by entering email & password	user can login to my account	High	Sprint-3
	Dashboard	USN-10	User can add new cars and get access to insert and update their details	user can add new cars	Medium	Sprint-4
	Car Details	USN-11	user should give the required car details like car model, kilometre driven, manufactured year, etc…	After filling the car's details and taking them for further processing.	High	Sprint-4
	Car Price	USN-12	The price of a used car can be displayed and seen by the user.	Car prices must be displayed depending on the data provided by the user.	High	Sprint-4