DATAFLOW
DOCTORS ANNUAL SALARY PREDICTION

FLOW KEY

Data — This small rectangle is used for data that is required frequently or is produced in the process.

Process — This shape is used for actions or instructions, the things that must be done.

External entity — It is where data comes from or goes to. It is external to the process.

Connects elements of the flow.

VISUAL KEY

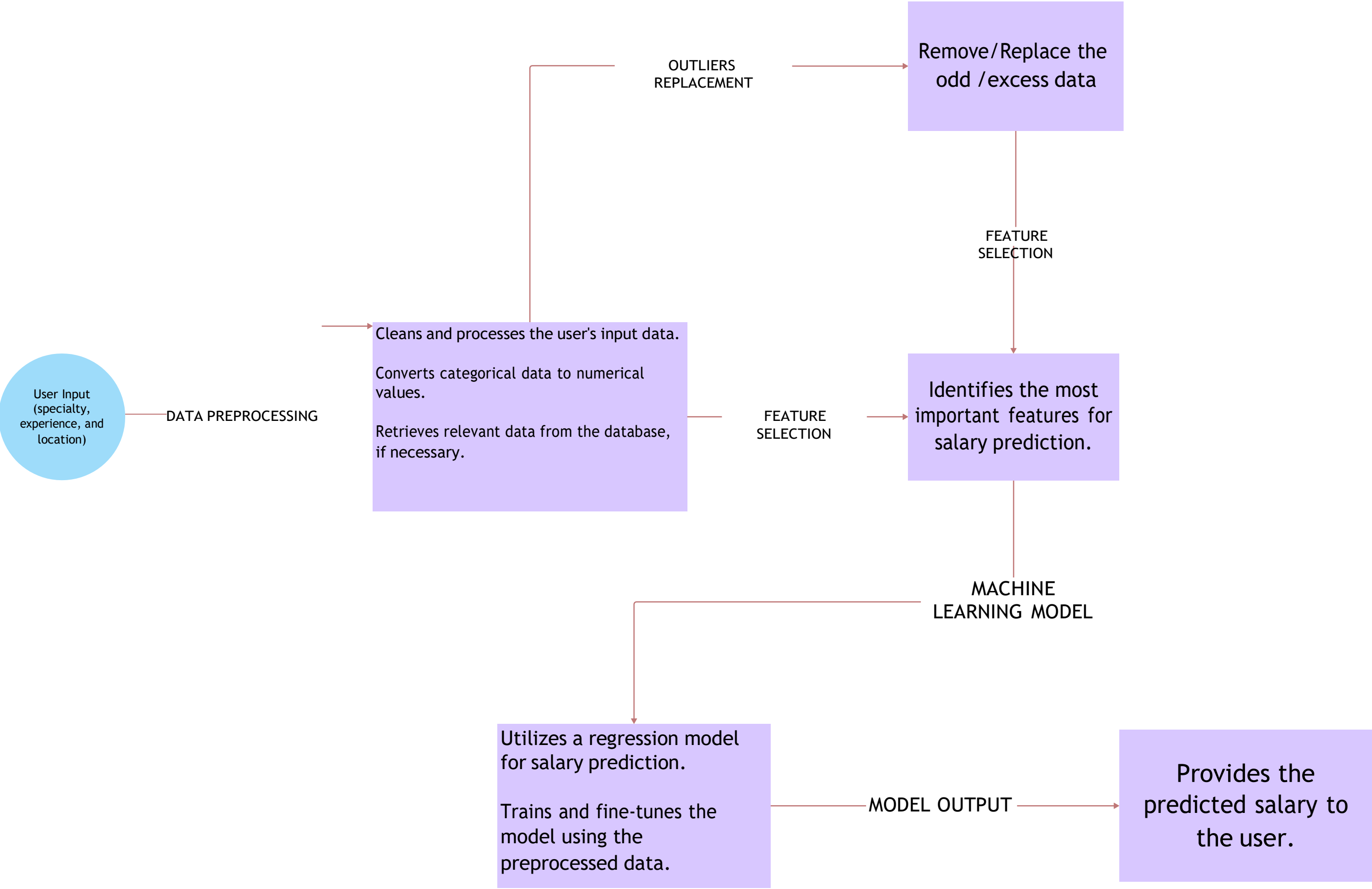You can also make your diagrams more engaging by using images and icons!

Data

Process

External entity

Add your own!

User Input (specialty, experience, and location)

— DATA PREPROCESSING →

Cleans and processes the user's input data.

Converts categorical data to numerical values.

Retrieves relevant data from the database, if necessary.

OUTLIERS REPLACEMENT →

Remove/Replace the odd /excess data

FEATURE SELECTION

— FEATURE SELECTION →

Identifies the most important features for salary prediction.

MACHINE LEARNING MODEL

Utilizes a regression model for salary prediction.

Trains and fine-tunes the model using the preprocessed data.

— MODEL OUTPUT →

Provides the predicted salary to the user.

User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account /dashboard	High	Sprint-1
		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	Sprint-1
		USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2
		USN-4	As a user, I can register for the application through Gmail	I can register & access the dashboard with Facebook Login	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	I can register & access the dashboard with Facebook Login	High	Sprint-1
	Dashboard	USN- 6	As a user in dashboard I can see various input fields that require the specific information about the doctors like specialty, years of experience, and location.	I can see the dashboard and all the input fields in which doctors information is to be filled.	High	
	Predicting salary	USN - 7	After Entering every information required in the input field the website tells the salary of the Doctor whose information has been provided.	The website gives the predicted salary of the doctors according to the information provided.	High	
Administrator	Data Management	USN-8	I should be able to access and update the database that contains historical salary data and other relevant information.I can add, edit, or remove data as needed to keep the information up-to-date.	I can manage the users and their data	High	
	User Management	USN-9	I can provide support and assistance to users who encounter difficulties or have questions related to the system.	I can guide the user how the website works	High	
Customer CareExecutive	**User Guidance**	USN-10	Provide clear, step-by-step instructions to users for completing the password reset process. Maintain records of user interactions, including the issue reported and the resolution provided.	I can provide the user guidance about how to use the website in efficient way.	Medium	
	Escalation Process	USN-11	If the issue cannot be resolved during the initial contact, I should have access to an escalation process or a specialized team to handle more complex cases.			
Customer (Webuser)	Same as the mobile user	Same as the mobile user	Same as the mobile user			