**Introduction**:
Hello everyone,
My name is C.Hemavathi
This is my guided project from smartinternz platform.
The title of the project: automated car catalog system for Enhanced showroom management
**Project Overview:**
The Automated Car Catalog System is a digital platform designed to streamline showroom management. It efficiently organizes and manages vehicle inventory, providing real-time updates on car availability, pricing, and features. The system enables showroom staff to quickly retrieve vehicle information, generate reports, and enhance customer service. It also offers advanced search and filter options, making it easier for customers to find their desired vehicles. By automating manual processes, the system reduces errors and improves overall showroom efficiency..
**Tools and Technologies:**
I used Python programming language, along with libraries like Pandas, NumPy, and Scikit-learn.
I used the Random Forest Classifier to build the prediction model.
Code Walkthrough
Now I will show the code.
First, I imported all necessary libraries.
Then, I loaded the dataset using pandas.
I cleaned the data and converted the 'Gender' column into numeric format.
After that, I split the data into training and testing sets.
Then I trained the Random Forest Classifier model using the training data.
Now, I am running the model…
(Now Press “Run” button show the output on screen)
As you can see, the model accuracy is 1.0 — which means the model is predicting correctly for all the test data.
Conclusion:
This model helps in predicting liver disease efficiently and can assist doctors for early diagnosis.
Thank you SmartInternz and mentors for this opportunity.
Thanks for watching!