Introduction:
Hello everyone,
My name is B.pramila
This is my guided project from smartinternz platform.
The title of the project is “Enhanted wings:marvels of butterfly species”
Project Overview:
This project aims to develop a deep learning model for classifying butterfly species based on image data. The model will be trained on a dataset of butterfly images, enabling accurate identification and classification of various species.
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!