

**Introduction:**

Hello everyone,

My name is v Vamsi Krishna

This is my guided project from smartinternz platform.

The title of the project is “ Calculating Family Expenses Using Service Now “

**Project Overview:**

The Family Expense Management System (FEMS) is a customer service now application designed to help families track, manage, and analyze their household expenses in a centralized and automated environment. By leveraging the capabilities of service now -including custom forms, workflows, reporting, and dashboards -this solution provides an efficient and transparent way for family members to record spending, set budgets, and monitor financial health.

**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