

Data Science Assignment: eCommerce Transactions Dataset

Task 3: Feature Importance and Model Interpretation

3.1 Deliverables:

- **Feature Importance Code:**
 - Python code to extract feature importance from the RandomForest model (or other applicable models).

```
feature_importance = model.feature_importances_
```

- **Feature Importance Visualization:**
 - Bar plot or another suitable visualization to show which features contributed the most to the model's predictions.

```
plt.barh(features, feature_importance)
plt.xlabel('Feature Importance')
plt.title('Feature Importance Plot')
plt.show()
```