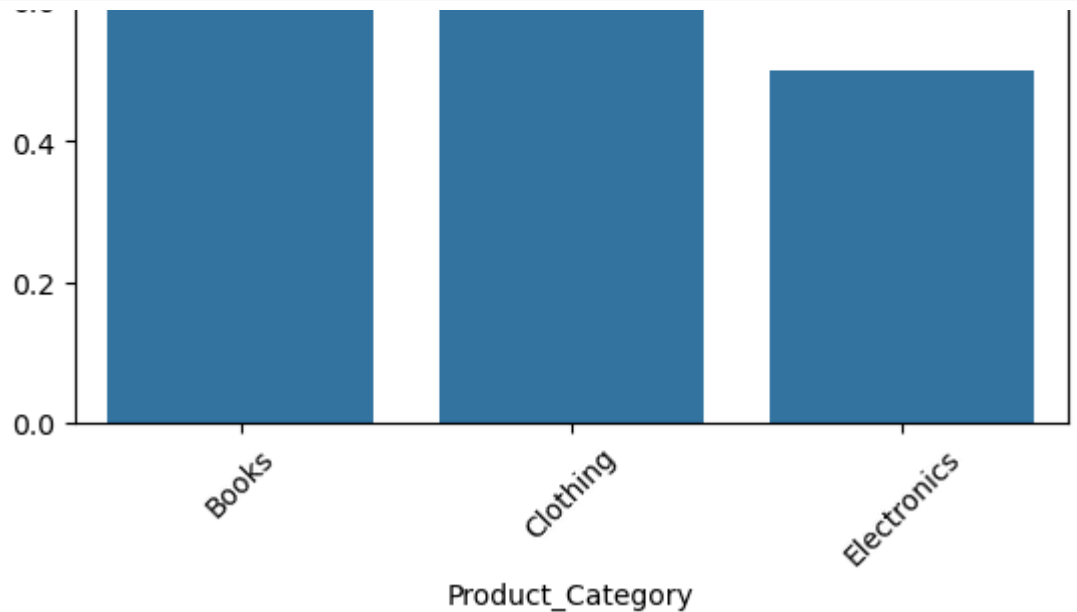




```
sns.barplot(x=category_return.index, y=category_return.values)
plt.title("Return Rate by Category")
plt.xticks(rotation=45)
plt.show()
```



Step 4: Train Logistic Regression Model

```
[39]: features = ['Product_Category', 'Product_Price', 'Discount_Applied', 'User_L
X = df_model[features]
y = df_model['IsReturned']
```