Phase -3(source code)

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```
import pandas as pd
from sklearn.model_selection import train_t
from sklearn.linear_model import LogisticRe
from sklearn.metrics import accuracy_score
from sklearn.preprocessing import LabelEncc

url = "https://raw.githubusercontent.com/IE
data = pd.read_csv(url)

data = data[['tenure', 'MonthlyCharges', 'T
data['TotalCharges'] = pd.to_numeric(data['
data['Churn'] = LabelEncoder().fit_transfor

X = data[['tenure', 'MonthlyCharges', 'Tota
y = data['Churn']

X_train, X_test, y_train, y_test = train_te
model = LogisticRegression()
model.fit(X_train, y_train)

y_pred = model.predict(X_test)
print("Accuracy:", accuracy_score(y_test, y
```

```
Accuracy: 0.7977288857345636
```