

The screenshot shows a Google Colab notebook titled "Untitled5.ipynb". The code cell contains the following Python script:

```
import pandas as pd
from sklearn.model_selection import train_test_split
from sklearn.tree import DecisionTreeClassifier
from sklearn.metrics import accuracy_score
from sklearn.preprocessing import LabelEncoder

from google.colab import files
uploaded = files.upload()

Choose File... drug exposure.xlsx
drug exposure.xlsx(application/vnd.openxmlformats-officedocument.spreadsheetml.sheet) - 343848 bytes, last modified: 12/14/2025 - 100% done
Saving drug exposure.xlsx to drug exposure.xlsx

data = pd.read_excel("drug exposure.xlsx")

label = LabelEncoder()

for col in data.columns:
    if data[col].dtype == "object":
```

The notebook also displays a file upload dialog for "drug exposure.xlsx". The status bar at the bottom shows the date and time as 10:28 PM.

The screenshot shows a Google Colab interface with a dark theme. At the top, there are three tabs: 'google colab - Google Search', 'Untitled4.ipynb - Colab', and 'Untitled5.ipynb - Colab'. The 'Untitled5.ipynb - Colab' tab is active, displaying the URL colab.research.google.com/drive/1A5AmEf_K1AJkJZ0HapF_-f3qfNGyUwdH#scrollTo=nmwiHmAtzDlr. The notebook content is as follows:

```
data[col] = label.fit_transform(data[col])

x = data.drop("drug_name", axis=1)
y = data["drug_name"]

X_train, X_test, y_train, y_test = train_test_split(
    x, y, test_size=0.2, random_state=42
)

model = DecisionTreeClassifier()
model.fit(X_train, y_train)

y_pred = model.predict(X_test)

accuracy = accuracy_score(y_test, y_pred)
print("Accuracy =", accuracy)

... Accuracy = 0.2166666666666667
```

The code uses scikit-learn's `DecisionTreeClassifier` to build a model. It drops the 'drug_name' column from the dataset and splits it into training and testing sets. The accuracy of the model is then printed, showing a value of approximately 0.2167.