```python
#IMPORT MODULES
from sklearn.datasets import make_classification
from sklearn.model_selection import train_test_split
from sklearn.metrics import roc_curve
from sklearn.metrics import roc_auc_score
from matplotlib import pyplot
import pandas as pd

#IMPORTING DATA
def importing_data(path):
 data = pd.read_excel(path)
 return data

#CALCULATE AREA UNDER CURVE VALUE
def auc(references, predicted):
 auc = roc_auc_score(references, predicted)
 return auc

#CALCULATING TPR AND FPR
def fpr(references, predicted):
 fpr, tpr, _ = roc_curve(references, predicted)
 return fpr, tpr
def fpr(references, predicted):
 fpr, tpr, _ = roc_curve(references, predicted)
 return fpr, tpr

#PLOT ROC CURVE
def plot_roc(fpr, tpr):
 pyplot.plot(fpr, tpr, marker='.', label='PLS-DA')
 pyplot.xlabel('False Positive Rate')
 pyplot.ylabel('True Positive Rate')
 pyplot.legend()
 pyplot.show()
 return pyplot

#WRITING TABLE
def writing_table(tpr, fpr, auc):
 results = {'TPR': tpr, 'FPR': fpr, 'AUC': auc}
 return results

#CREATING DATAFRAME
def creating_dataframe(results):
 df = pd.DataFrame(results)
 print('SUCCESS: Created dataframe')
 return df

#WRITING EXCEL FILE
def writing_output(df, sheet):
 writer = pd.ExcelWriter(output_path)
 df.to_excel(writer, sheet_name = sheet, index = False)
 writer.save()
 print('Dataframe saved on data_results.xlsx file')

#MODIFYING DATA
path = r'C:\Users\edwincaballero\Desktop\data.xlsx'
data = importing_data(path)
predicted = data['predicted']
references = data['reference']

#OUTPUTS
auc = auc(references, predicted)
fpr, tpr = fpr(references, predicted)
fpr = list(fpr)
tpr = list(tpr)

#FOR EXPORTING
results = writing_table(tpr, fpr, auc)
df = creating_dataframe(results)
output_path = r'C:/Users/edwincaballero/Desktop/data_results.xlsx'
sheet = 'M01'
writing_output(df, sheet)

#EXPORTING PLOT
pyplot = plot_roc(fpr, tpr)
print('Graph created')
pyplot.savefig('roc.png', bbox_inches='tight', pad_inches=2, transparent=False)
print('Graph saved')
```