```
import pandas as pd
import numpy as np
import matplotlib.pyplot as plt
import seaborn as sns
%matplotlib inline

# Load the dataset from the provided path
data = pd.read_csv('/content/drive/MyDrive/heart.csv')

# Display the first few rows of the dataset
print(data.head())

# Display the last few rows of the dataset
print(data.tail())

# Display the column names of the dataset
print(data.columns.values)

# Plot histograms of all numerical features
data.hist(bins=50, grid=False, figsize=(20, 15))
plt.show()
```

```
   age  sex  cp  trtbps  chol  fbs  restecg  thalachh  exng  oldpeak  slp
0   63    1   3     145   233    1        0       150     0      2.3    0
1   37    1   2     130   250    0        1       187     0      3.5    0
2   41    0   1     130   204    0        0       172     0      1.4    2
3   56    1   1     120   236    0        1       178     0      0.8    2
4   57    0   0     120   354    0        1       163     1      0.6    2

   caa  thall  output
0    0      1       1
1    0      2       1
2    0      2       1
3    0      2       1
4    0      2       1
     age  sex  cp  trtbps  chol  fbs  restecg  thalachh  exng  oldpeak  slp
298   57    0   0     140   241    0        1       123     1      0.2    1
299   45    1   3     110   264    0        1       132     0      1.2    1
300   68    1   0     144   193    1        1       141     0      3.4    1
301   57    1   0     130   131    0        1       115     1      1.2    1
302   57    0   1     130   236    0        0       174     0      0.0    1

     caa  thall  output
298    0      3       0
299    0      3       0
300    2      3       0
301    1      3       0
302    1      2       0
['age' 'sex' 'cp' 'trtbps' 'chol' 'fbs' 'restecg' 'thalachh' 'exng'
 'oldpeak' 'slp' 'caa' 'thall' 'output']
```