```python
import pandas as pd
import numpy as np
from scipy.stats import skew, kurtosis

# Load dataset
df = pd.read_csv("/content/22070521106_CA1_EDA.csv")

# Display first 5 rows to understand data
print("Preview of Data:")
print(df.head())

# Perform descriptive analysis on numeric columns
numeric_df = df.select_dtypes(include=[np.number])

print("\n--- Descriptive Statistics ---")
print(numeric_df.describe())

# Calculate additional statistics: variance, skewness, kurtosis
stats = pd.DataFrame(index=numeric_df.columns)

stats['Mean'] = numeric_df.mean()
stats['Median'] = numeric_df.median()
stats['Standard Deviation'] = numeric_df.std()
stats['Variance'] = numeric_df.var()
stats['Skewness'] = numeric_df.apply(lambda x: skew(x, nan_policy='omit'))
stats['Kurtosis'] = numeric_df.apply(lambda x: kurtosis(x, nan_policy='omit'))

print("\n--- Detailed Statistics ---")
print(stats)

# Save results to CSV for reporting
stats.to_csv("descriptive_statistics_results.csv")
print("\nDescriptive statistics saved as 'descriptive_statistics_results.csv'")
```

```
Preview of Data:
    id  year                 state_name  state_code  \
0    0  2022  Andaman and Nicobar Islands          35
1    1  2022  Andaman and Nicobar Islands          35
2    2  2022  Andaman and Nicobar Islands          35
3    3  2022  Andaman and Nicobar Islands          35
4    4  2022  Andaman and Nicobar Islands          35

            district_name  district_code          region population_group  \
0  North and Middle Andaman            632  Eastern Region            Rural
1           South Andamans            602  Eastern Region            Rural
2           South Andamans            602  Eastern Region       Semi-urban
3           South Andamans            602  Eastern Region            Urban
4  North and Middle Andaman            632  Eastern Region            Rural

   no_of_offices  no_of_accounts  deposit_amount
0             10             108             729
1             13             106             775
2             10              64             463
3             36             301            4620
4              0               0               0

--- Descriptive Statistics ---
                 id          year    state_code  district_code  no_of_offices  \
count  14037.000000  14037.000000  14037.000000   14037.000000   14037.000000
mean    7062.753224   2020.504310     18.226473     355.351500      43.268718
std     4088.358741      1.117906      9.973987     205.731486     105.355999
min        0.000000   2019.000000      1.000000       1.000000       0.000000
25%     3524.000000   2020.000000      9.000000     169.000000       0.000000
50%     7053.000000   2021.000000     19.000000     365.000000       0.000000
75%    10601.000000   2022.000000     27.000000     528.000000      54.000000
max    14159.000000   2022.000000     38.000000     734.000000    2807.000000

       no_of_accounts  deposit_amount
count    14037.000000    1.403700e+04
mean       599.058844    4.189880e+03
std       1577.467136    3.394547e+04
min          0.000000    0.000000e+00
25%          0.000000    0.000000e+00
50%          0.000000    0.000000e+00
75%        781.000000    2.386000e+03
max      52981.000000    1.400625e+06

--- Detailed Statistics ---
                 Mean   Median  Standard Deviation        Variance  \
id        7062.753224   7053.0         4088.358741    1.671468e+07
```

year	2020.504310	2021.0	1.117906	1.249714e+00
state_code	18.226473	19.0	9.973987	9.948041e+01
district_code	355.351500	365.0	205.731486	4.232544e+04
no_of_offices	43.268718	0.0	105.355999	1.109989e+04
no_of_accounts	599.058844	0.0	1577.467136	2.488403e+06
deposit_amount	4189.879960	0.0	33945.471091	1.152295e+09

	Skewness	Kurtosis
id	0.005865	-1.199598
year	-0.005594	-1.359589
state_code	0.070203	-1.140760
district_code	-0.004964	-1.198624