```python
import numpy as np
import pandas as pd
from sqlalchemy import create_engine

# Loading the csv
y = pd.read_csv("file path", engine='python')

# Change '..' with NaN
y.replace('..', np.nan, inplace=True)

# STEP 3: Remove columns not needed
columns_to = ['Country Code', 'Series Code', '2024 [YR2024]']
y.drop(columns=[col for col in columns_to if col in df.columns], inplace=True)

# STEP 4: Column name changed
if 'Series Name' in y.columns:
   y.rename(columns={'Series Name': 'Source of electricity'}, inplace=True)

# STEP 4.5: Year columns changed from "2020 [YR2020]" to "2020"
y.rename(columns={col: col.split(' ')[0] for col in y.columns if '[YR' in col},
inplace=True)

# STEP 5: Dropping empty rows in the end
last_rows = df.tail(5)
rows_to = last_rows[last_rows.isnull().any(axis=1)].index
y.drop(index=rows_to, inplace=True)

# STEP 6: Reset index
y.reset_index(drop=True, inplace=True)

# Saving cleaned data to a new file
y.to_csv("file path", index=False)

# Loading the dataset
y = pd.read_csv('file path')

# enter the required details
username = ""
password = ""
host = ""
database = ""

# Create engine
z = create_engine(f"mysql+pymysql://{username}:{password}@{host}/{database}")

# Step 3: DataFrame to MySQL (replace table if exists)
y.to_sql(name="table_name", con=z, if_exists='replace', index=False)
```

```
print("dataset into SQL")
```