

Data Cleaning Code

November 22, 2024

```
[1]: import pandas as pd
from sklearn.preprocessing import StandardScaler

# read csv
file_path = 'sort_v2.csv'
data = pd.read_csv(file_path)

# the columns which you need to standized
score_columns = [
    'Children Score',
    'Single Parents Score',
    'After-tax Income Score',
    'Education Score',
    'Movers Score',
    'Total Score'
]

# initialize Z-score tol
scaler = StandardScaler()

# z-score application
data[score_columns] = scaler.fit_transform(data[score_columns])

# save
data.to_csv('z_score_cleaned_data.csv', index=False)

print("Z-Score is finished")
```

Z-Score is finished

```
[ ]:
```