

# Data science Task-2

```
import pandas as pd

import numpy as np

#Load your dataset

df = pd.read_csv('https://docs.google.com/spreadsheets/d/e/2PACX-1vTSS-
TcErkXNk8KB0AlijhitwetxeHD2M3ROHJl2QPMAYFq0fxFX4PFKnzA WLDnratlz67DNL6GsZnV/pub?output=csv')

# Handling missing values (replace with mean)

df.fillna(df.mean(), inplace=True)

# Removing outliers (using Z-score)

from scipy.stats import zscore

z_scores = np.abs(zscore(df))

df_no_outliers = df[(z_scores < 3).all(axis=1)]

# Save the cleaned dataset

df_no_outliers.to_csv('cleaned_https://docs.google.com/spreadsheets/d/e/2PACX-1vTSS-
TcErkXNk8KB0AlijhitwetxeHD2M3ROHJl2QPMAYFq0fxFX4PFKnzA WLDnratlz67DNL6GsZnV/pub?output=csv
', index=False)
```