

```
#Mounting a Google Drive
!pip install kora -q
from kora import drive
drive.mount("/content/drive/")
drive.link_nbs()

Mounted at /content/drive/

import numpy as np
import pandas as pd
import matplotlib
from matplotlib import pyplot as plt
from matplotlib import ticker
import seaborn as sns
import math

#Data Loading
df = pd.read_csv('/content/drive/MyDrive/Project_112102007_SumanMajumder/New Algo First Edition/10.csv',sep='\t')
```

df

	s	Even-Permutation	u1l	urr	ulr	url	ListOfCycle	d	d_vector	d_vec =<= 2*d + 3	d_v 2*c
0	[0, 1, 2, 3, 4, 5, 6, 7, 8, 9]	True	0	0	0	0	0	0	0	0	0
1	[0, 1, 2, 3, 4, 5, 6, 7, 9, 8]	False	0	2	0	0	1	3	7	0	0
2	[0, 1, 2, 3, 4, 5, 6, 8, 9, 7]	False	0	2	0	0	1	3	7	0	0

```
df['d'].mean()

9.128968253968255

df['d_vector'].mean()

12.92362819664903

df['d_vec <= 2*d + 3'].sum()
```



```
df['d_vec <= 2*d + 4'].sum()
```

```
183
```

Double-click (or enter) to edit

```
df['d_vector'].mean()/df['d'].mean()
```

```
1.415672377985462
```

```
df['d'].max()
```

```
13
```

```
df['d_vector'].max()
```

```
22
```

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✓ 0s completed at 5:10 PM

