```
1 import pandas as pd
2 import numpy as np
3 filepath = '/content/teams.csv'
```

```
1 df = pd.read_csv(filepath)
2 df
```

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```
1 columns = df.columns.tolist()
2 columns
```

```
['id', 'year', 'name', 'park', 'wins', 'losses']
```

```
1 dtyap = df.dtypes
2 dtyap
```

```
id         int64
year       int64
name      object
park      object
wins       int64
losses     int64
dtype: object
```

```
1 total = df.shape[0]
2 total
```

```
2955
```

```
1 df[:20]
```

```
1 df[2935:]
```

```
1 df['Score'] = df.wins - df.losses
2 df
```

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```
df = pd.read_csv(filepath, index_col='id')
df
```

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```
top = df[df['wins'] > 20]
top
```

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```
1 bottom = df[df['losses'] > 20]
2 bottom
```

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```
1 df['Score'] = df.wins - df.losses
2 df
```

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```
1 bottom = df[df['Score'] < 0]
2 bottom
```

Next steps: View recommended plots

```
1 top = df[df['Score'] > 0]
2 top
```

Next steps: View recommended plots

```
1 df['Status'] = np.where(df['Score'] > 0, 'Positive', 'Negative')
2 df
```

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```
wins = np.array(df['wins'])
losses = np.array(df['losses'])
score = np.array(df['Score'])
avewin = int(np.average(wins))
aveloss = int(np.average(losses))
avescore = int(np.average(score))
print("Average team wins: " + str(avewin))
print("Average team losses: " + str(aveloss))
print("Average team score: " + str(avescore))
```

```
Average team wins: 74
Average team losses: 74
Average team losses: 0
```

```
wins = np.array(df['wins'])
losses = np.array(df['losses'])
score = np.array(df['Score'])
avewin = int(np.median(wins))
aveloss = int(np.median(losses))
avescore = int(np.median(score))
print("Average team wins: " + str(avewin))
print("Average team losses: " + str(aveloss))
print("Average team score: " + str(avescore))
```

```
Average team wins: 77
Average team losses: 76
Average team score: 1
```