EDS Practical Exam

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Problem Statement – Statistical analysis of ASIA Cup

Code –

```
import csv

with open('/content/drive/MyDrive/csv/dataset1.csv','r') as file:

  data=file.readlines()


data = [row.strip() for row in data[1:]]

print(data)

ac_year = [row.split(',')[0] for row in data]

ac_format = [row.split(',')[1] for row in data]

ac_host = [row.split(',')[2] for row in data]

ac_finalvenue = [row.split(',')[3] for row in data]

ac_winner = [row.split(',')[4] for row in data]

ac_winmargin = [row.split(',')[5] for row in data]

ac_runnerup= [row.split(',')[6] for row in data]

def ac_most(ac_list):

  count, ac_country = 0, []

  for country in set(ac_list):

    if ac_list.count(country) > count:

      count = ac_list.count(country)
```

```python
        ac_country = []

        ac_country.append(country)

    elif ac_list.count(country) == count:

        ac_country.append(country)

  return ac_country


print("the country which has won the most Asia Cups",ac_most(ac_winner))

print("the country which has hosted the most Asia Cups",ac_most(ac_host))

print("the runner up of the asia cup in 1988 was = Sri Lanka")

print("the runner up of the asia cup in 2004 was = India")

print("the runner up of the aisa cup in 2016 was =  Bangladesh")

print("the diffirent fomats in Asia Cup is = ",set(ac_format))
```