

MIDSEM EDS PRACTICAL

NAME:- ALVIN ABRAHAM

PRN:-202201070132

DIVISION D

BATCH D1

Question:-Statistical Analysis of all the Asia Cup Winners Throughout the years.Using statistical analysis find

- a. The team who has won the most Asia Cups
- b. the country who have hosted the most Asia Cups
- c.The country who were the runners up in 1988,2004 and 2016
- d. The all the different formats of the Asia Cup

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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)
            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))

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OUTPUT

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['1984,ODI,UAE,Sharjah,India,54 runs,Pakistan', '1986,ODI,Sri Lanka,Colombo (SSC),Sri Lanka,5 wickets,Pakistan', '1988,ODI,Bangladesh,Dhaka,India,6 wickets,Sri Lanka', '1991,ODI,India,Kolkata,India,7 wickets,Sri Lanka', '1995,T20I,UAE,Sharjah,India,8 wickets,Sri Lanka', '1997,ODI,Sri Lanka,Colombo (RPS),Sri Lanka,8 wickets,India', '2000,ODI,Bangladesh,Dhaka,Pakistan,39 runs,Sri Lanka', '2004,ODI,Sri Lanka,Colombo (RPS),Sri Lanka,25 runs,India', '2008,T20I,Pakistan,Karachi,Sri Lanka,100 runs,India', '2010,ODI,Sri Lanka,Dambulla,India,81 runs,Sri Lanka', '2012,ODI,Bangladesh,Mirpur,Pakistan,2 runs,Bangladesh', '2014,ODI,Bangladesh,Mirpur,Sri Lanka,5 wickets,Pakistan', '2016,T20I,Bangladesh,Mirpur,India,8 wickets,Bangladesh', '','','','','']
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the country which has won the most Asia Cups ['India']

the country which has hosted the most Asia Cups ['Bangladesh']

the runner up of the asia cup in 1988 was = Sri Lanka

the runner up of the asia cup in 2004 was = India

the runner up of the aisa cup in 2016 was = Bangladesh

the diffirent fomats in Asia Cup is = {'ODI', '', 'T20I'}