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import numpy as np
import pandas as pd

df=pd.read_csv("C:\\Users\\Admin\\Downloads\\dataset1.csv")

#Find the country who has won the most Asia Cup
most_wins = df['Winner'].value_counts().idxmax()
print("Country with the most Asia Cup wins:", most_wins)

Country with the most Asia Cup wins: India

#Find the country who Host most Asia Cup tournaments
most_hosted=df['Host'].value_counts().idxmax()
print("Country that has hosted the most asia cup tournaments:",
most_hosted)

Country that has hosted the most asia cup tournaments: Bangladesh

#Find the country who has the runner up in 1988 , 2004 and 2016
runner_up_years=[1988,2004,2016]
runner_ups=df[df['Year'].isin(runner_up_years)][['Runner up']].unique()
print("Countries who have been runner-up in
1998,2004,2016:",runner_ups)

Countries who have been runner-up in 1998,2004,2016: ['Sri Lanka'
'India' 'Bangladesh']

#Find the different formats of Asia Cup
formats=df['Format'].unique()
print("Different formats of asia cup:",formats)

Different formats of asia cup: ['ODI' 'T20I']

#Clean the dataset if record is empty with 0 values or delete
incomplete data row
df.fillna(0,inplace=True)
df.dropna(inplace=True)

#Find the All Year of Asia cup won by India
india_wins=df[df['Winner']=='India']['Year'].values
print("Years in which India won thw asia cup:",india_wins)

Years in which India won thw asia cup: [1984 1988 1991 1995 2010 2016]

#Find the final match hosted by 'Bangladesh'
final_match_hosted_by_bangladesh=df[df['Host']=='Bangladesh']
['Year'].max()
print("Year of the final match hosted by
bangladesh:",final_match_hosted_by_bangladesh)

Year of the final match hosted by bangladesh: 2016

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