CompeteNow: a Tournament Organization Platform

Milestone: Python Application Group 24

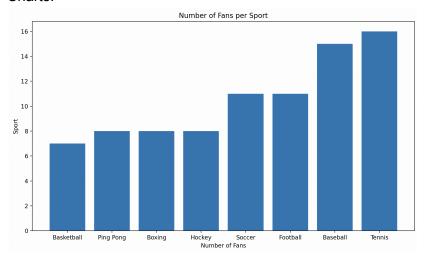
Charles Schatmeyer 716-713-1492 schatmeyer.c@northeastern.edu

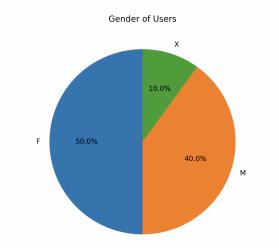
Percentage of Effort Contributed by Student1: 100%

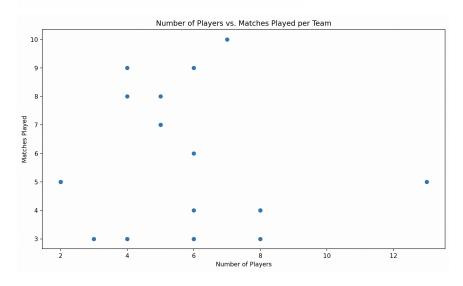
Signature of Student 1:

Submission Date: 11/22/2024

Charts:







Code:

```
import mysql.connector
import matplotlib.pyplot as plt
def print q():
def simple q():
def agg q():
  plt.pie(sizes, labels=labels, autopct='%1.1f%%', startangle=90)
def join q():
```

```
plt.title("Number of Fans per Sport")
  plt.tight layout()
  plt.show()
def nest q():
def corr q():
def all q():
def union_q():
```

```
def sub q():
tp.teamID = t.teamID group by t.teamID) as 'Num Players',"
tm.teamBeta = t.teamID or tm.teamAlpha = t.teamID) as 'Matches Played' "
  rows = cursor.fetchall()
  num players = [row[1] for row in rows] # number of players per team
  matches played = [row[2] for row in rows] # matches played per team
  plt.figure(figsize=(10, 6))
  plt.scatter(num players, matches played)
  plt.ylabel("Matches Played")
  plt.tight layout()
  plt.show()
```

```
cursor = connection.cursor()
continue var = True
while continue var:
Matches)"
       agg_q()
       join q()
      nest q()
      union q()
      sub q()
cursor.close()
connection.close()
```