1. Number of people who completed Lab 1: **1**5
2. People who support Elmo (Total **3**): **K**alvinci, **k**othmann1, and **a**ds3pu
3. People who support cookie monster and are night owls (Total **5**): **t**ballard34, **R**yphilen, **S**hahiHub, **e**lixir-1, and **S**hreyesBhat
4. People who do not support elmo, are not night owls, and are morning birds (Total **0**)
5. analyze_data.py

```
import pandas as pd
import seaborn as sns
import matplotlib.pyplot as plt

df = pd.read_csv("user_data.csv")
print(df, "\n")

lab1_completed_count = len(df)
print("Number of people who completed Lab 1: ",
   lab1_completed_count, "\n")

elmo_supporters = df.loc[df["sesame"] == "elmo", "username"]
result = "People who support elmo: "
for name in elmo_supporters:
    result += name + " "

elmo_support_count = len(elmo_supporters)
print(result)
print("Total", elmo_support_count, "\n")

cookie_monster_night_owl = df.loc[(df["sesame"] == "cookie
   monster") & (df["sleep"] == "night owl"), "username"]
result = "People who support cookie monster and are night
   owls: "
for name in cookie_monster_night_owl:
    result += name + " "

cookie_monster_night_owl_count =
   len(cookie_monster_night_owl)
print(result)
print("Total", cookie_monster_night_owl_count, "\n")

not_elmo_not_rock_morning_birds = df.loc[(df["sesame"] !=
   "elmo") & (df["rps"] != "rock") & (df["sleep"] ==
   "morning birds"), "username"]
```

```
result = "People who do not support elmo, are not night
   owls, and are morning birds: "
for name in not_elmo_not_rock_morning_birds:
    result += name + " "

not_elmo_not_rock_morning_birds_count =
   len(not_elmo_not_rock_morning_birds)
print(result)
print("Total", not_elmo_not_rock_morning_birds_count)

gdf = pd.DataFrame([
    ("Completed Lab 1", lab1_completed_count),
    ("Elmo", elmo_support_count),
    ("Cookie Monster & Night Owls",
       cookie_monster_night_owl_count),
    ("Not Elmo, Not Night Owl, & Morning Bird",
       not_elmo_not_rock_morning_birds_count)
    ], columns=["Category", "Student Count"])
sns.barplot(x="Category", y="Student Count", data = gdf)
plt.show()
```