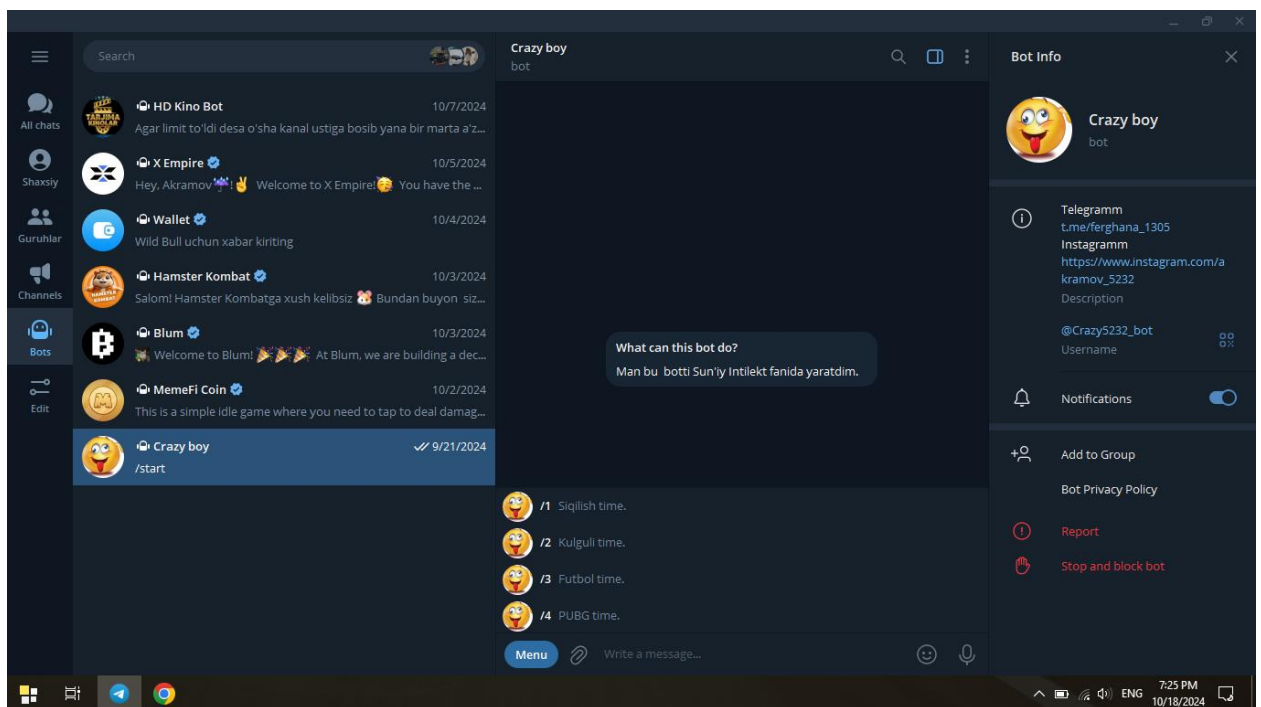
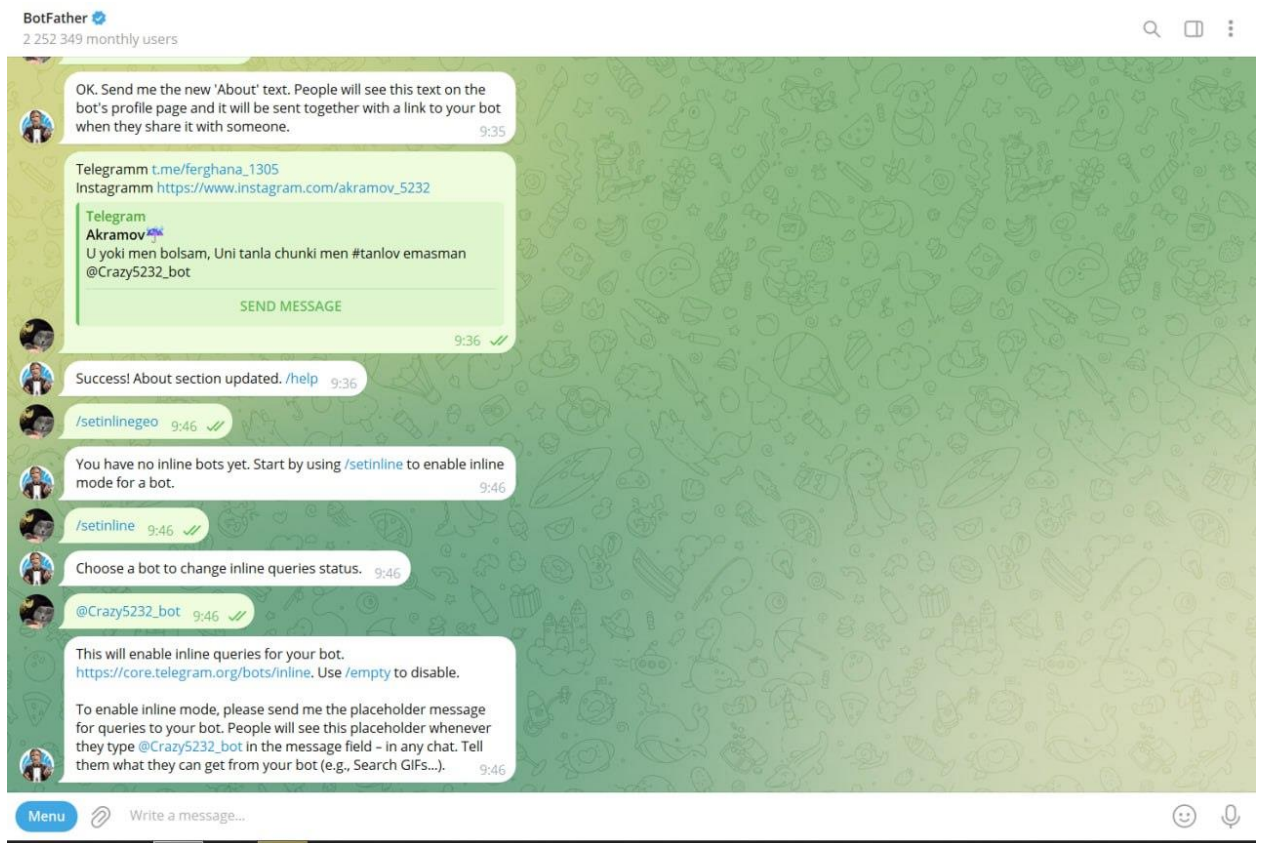


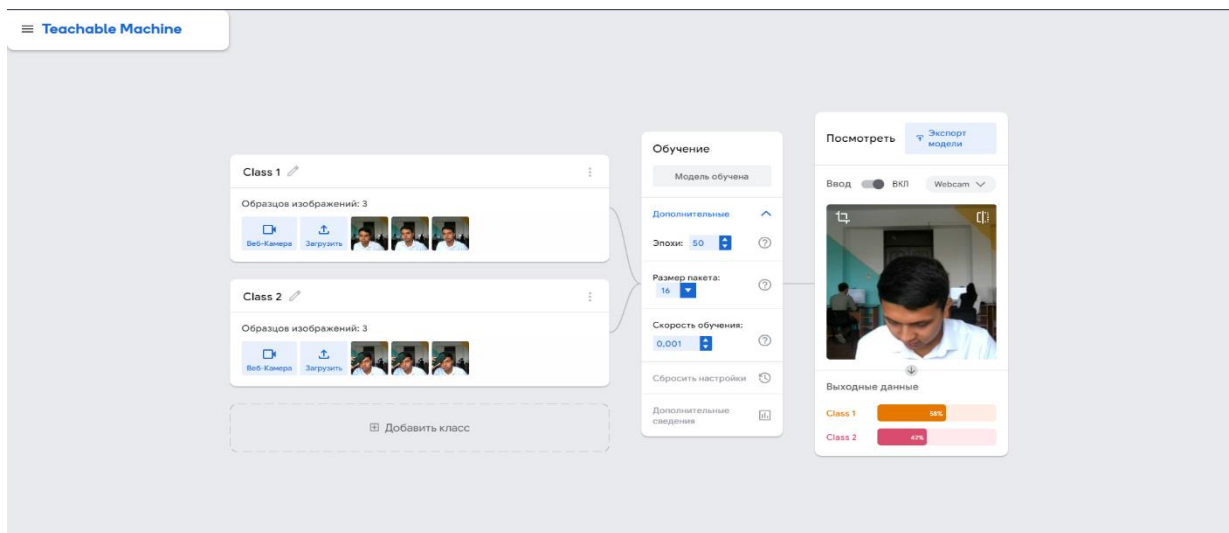
# 1-dars BotFather botida bot yaratish.



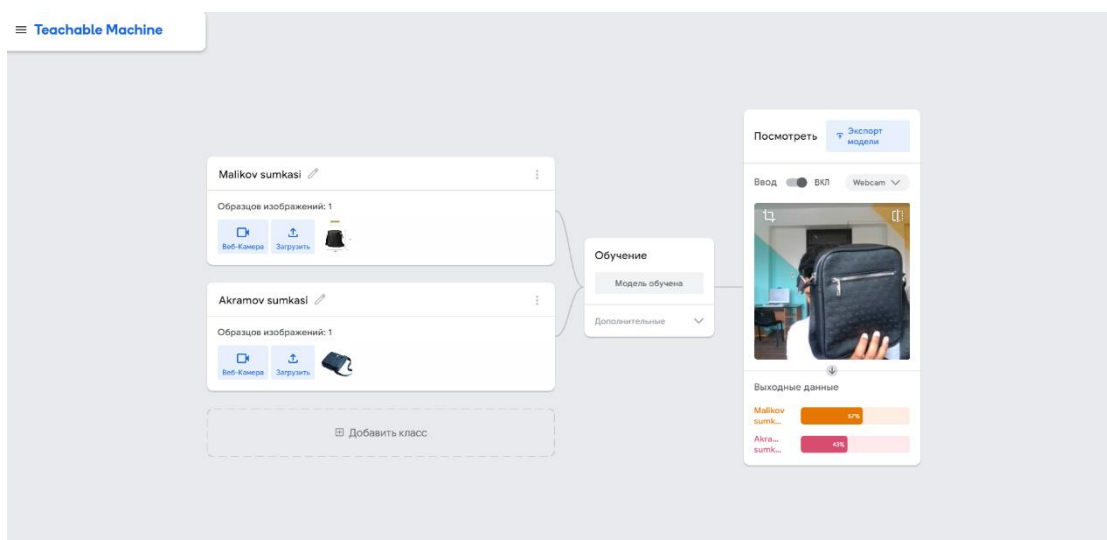
## 2-dars

# Teachable machineda ma'lumotlar tahlili va dastur kodlari.

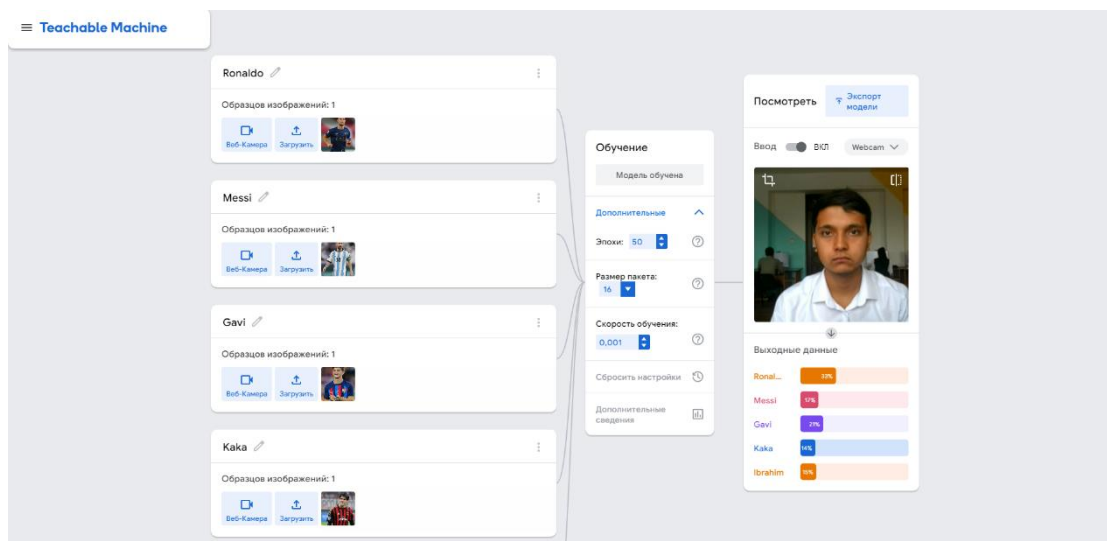
## 1-mashq



## 2-mashq



## 3-mashq



**3-dars Git hub aqamnt ochish jarayoni va uni Github desktop bilan bog'lash.**

Topshiriqlar | HEMIS Student av

YouTube

Akramov1305 (Akramov Oybek)

github.com/Akramov1305

Akramov1305

Qidirish uchun yozing

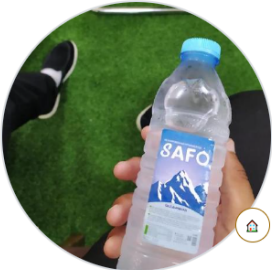
Umumiy ko'rinish

Repozitariylar 9

Loyihalar

Paketlar

Yulduzlar



Akramov Oybek

Akramov1305

- yozmay qo'ying? - meningcha, his qilmay qo'ydim!..🙄🔪

Profilni tahrirlash

Qadalgan

Pandalar-Numpyga qarshi

Ommaviy

Python kutubxonalari

Python

Pandalar - Excel

Ommaviy

Birinci urinish

Python

Kurs-ishlari

Ommaviy

Pinlaringizni sozlang

O'tgan yili 19 ta hissa

Hissa sozlamalari

2024 yil

	Oktyabr	noyabr	dekabr	Yanvar	Fevral	mart	aprel	may	Iyun	Iyul	avgust	Sentabr	Okty
dus													
Chorshanba													
Juma													

Hissalarni qanday hisoblashimizni bilib oling

Ozroq  Ko'proq

Topshiriqlar | HEMIS Student av

Хамдам Собиров - Биринчи

Verify Session

github.com/login/oauth/select\_account?client\_id=de0e3c7e9973e1c4dd77&scope=repo+user+workflow&state=14466ef4-ae54-4b4e-b97c-d5ac69df6b2c

Select user to authorize

GitHub Desktop

Signed in as

Akramov1305

Continue

Use a different account

Terms

Privacy

Docs

Contact GitHub Support

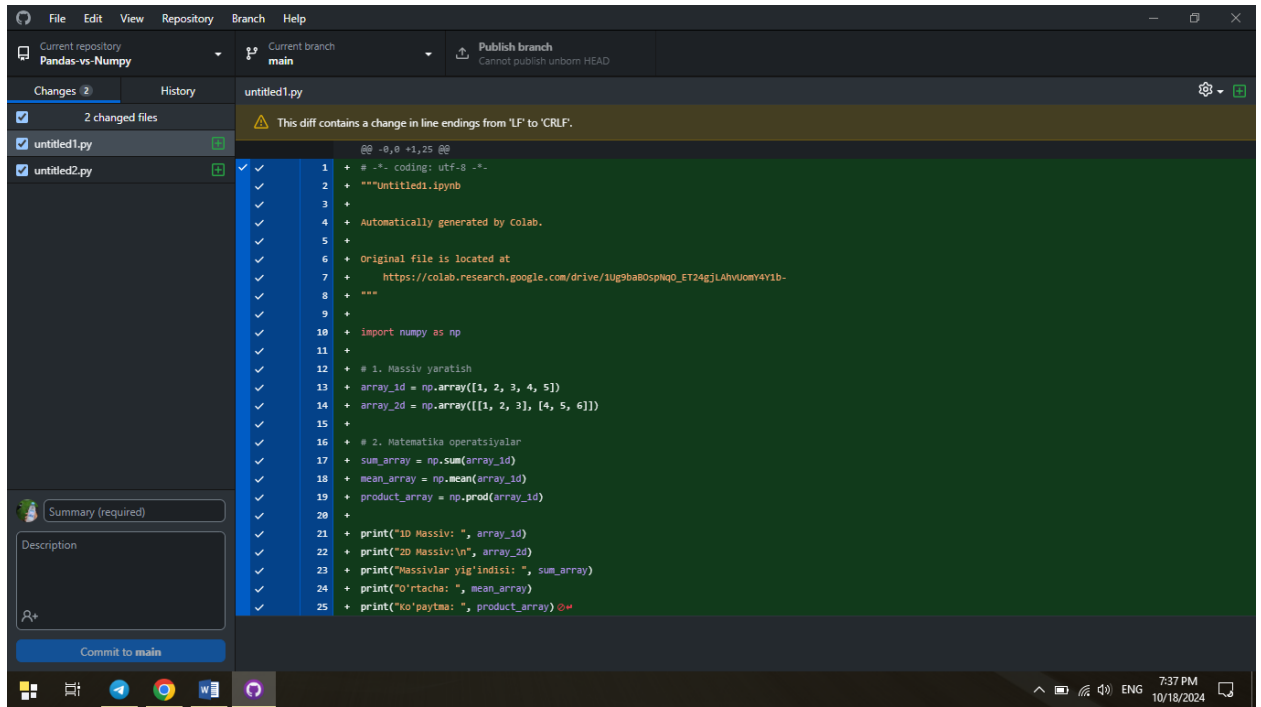
Manage cookies

Do not share my personal information

7:57 PM

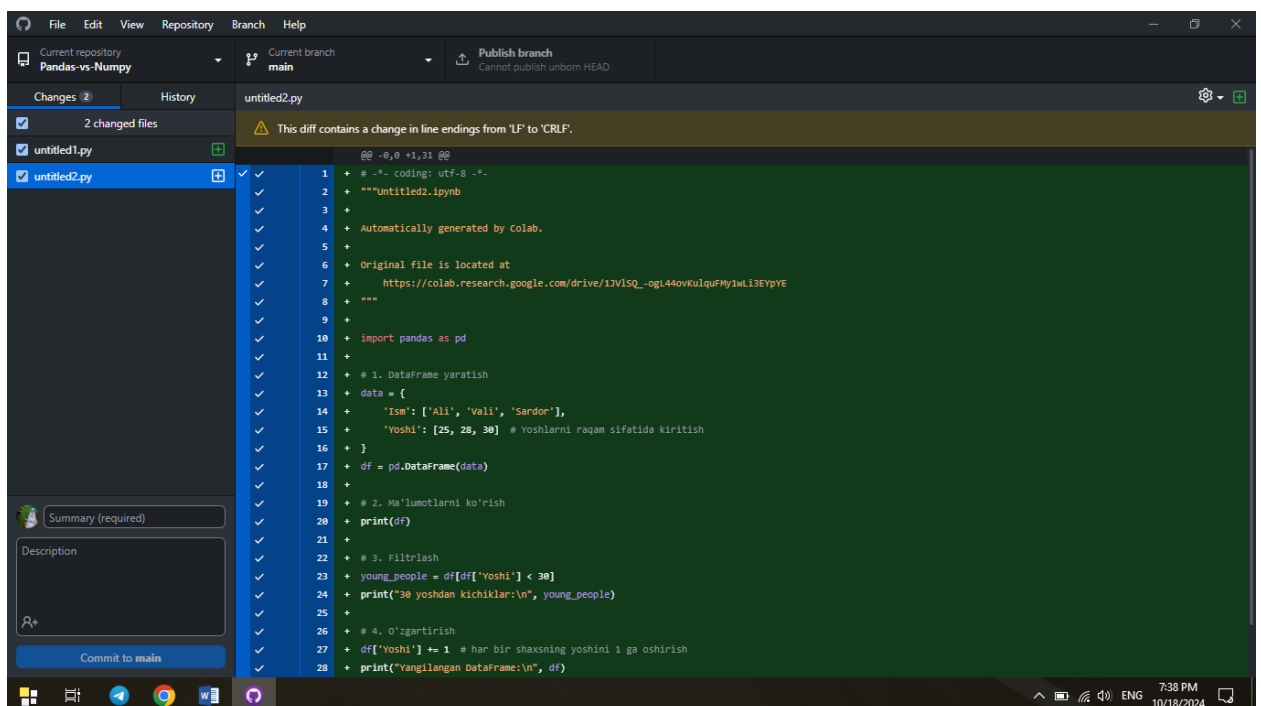
10/18/2024

## 4-dars Pandas va Numpy kutubhonasi google colabda aqs ettirish va github ga joylash.



The screenshot shows a GitHub web interface for a repository named 'Pandas-vs-Numpy'. The 'main' branch is selected. A commit of 'untitled1.py' is being made. The file content is as follows:

```
@@ -0,0 +1,25 @@
1 + #- coding: utf-8 -*-
2 + """untitled1.ipynb
3 +
4 + Automatically generated by Colab.
5 +
6 + Original file is located at
7 + https://colab.research.google.com/drive/1Ug9baB0spnqO_ET24gjLAhvUowY4Y1b-
8 + """
9 +
10 + import numpy as np
11 +
12 + # 1. Massiv yaratish
13 + array_1d = np.array([1, 2, 3, 4, 5])
14 + array_2d = np.array([[1, 2, 3], [4, 5, 6]])
15 +
16 + # 2. Matematika operatsiyalar
17 + sum_array = np.sum(array_1d)
18 + mean_array = np.mean(array_1d)
19 + product_array = np.prod(array_1d)
20 +
21 + print("1D Massiv: ", array_1d)
22 + print("2D Massiv:\n", array_2d)
23 + print("Massivlar yig'indisi: ", sum_array)
24 + print("O'rtacha: ", mean_array)
25 + print("Ko'paytma: ", product_array) 〰
```



The screenshot shows the same GitHub repository interface, but now with 'untitled2.py' being committed. The file content is as follows:

```
@@ -0,0 +1,31 @@
1 + #- coding: utf-8 -*-
2 + """untitled2.ipynb
3 +
4 + Automatically generated by Colab.
5 +
6 + Original file is located at
7 + https://colab.research.google.com/drive/1J1V1SQ_ogI44ovKulqFMy1wLi3EYpYE
8 + """
9 +
10 + import pandas as pd
11 +
12 + # 1. DataFrame yaratish
13 + data = {
14 +     'Ism': ['Ali', 'Vall', 'Sardor'],
15 +     'Yoshi': [25, 28, 30] # Yoshlarni raqam sifatida kiritish
16 + }
17 + df = pd.DataFrame(data)
18 +
19 + # 2. Ma'lumotlarni ko'rish
20 + print(df)
21 +
22 + # 3. Filtrlash
23 + young_people = df[df['Yoshi'] < 30]
24 + print("30 yoshdan kichiklar:\n", young_people)
25 +
26 + # 4. O'zgartirish
27 + df['Yoshi'] += 1 # har bir shaxsning yoshini 1 ga oshirish
28 + print("Yangilangan DataFrame:\n", df)
```

**5-dars Pandas kutubxonasidan foydalanib google colabda ma'lumot hosil qiling va github akauntga joylang.**

