

**Jurnal** : [Yulianto, T., Ulfaniyah, N. I., & Amalia R. \(2016\). Peramalan HIV Menggunakan Interpolasi Lagrange. Madura: Universitas Islam Madura, 19-20](#)

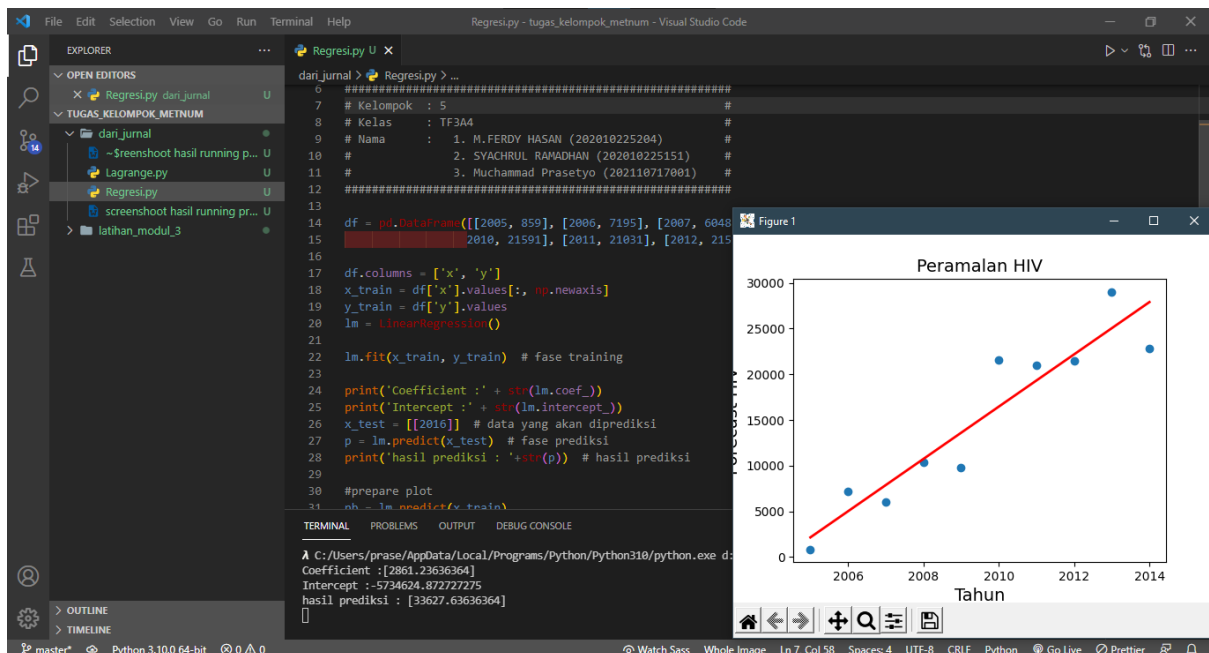
## Metode Lagrange

```

dari_jurnal > Regresi.py > ...
6 #####
7 # Kelompok : 5 #
8 # Kelas : TF3A4 #
9 # Nama : 1. M.FERDY HASAN (202010225204) #
10 # 2. SYACHRUL RAMADHAN (202010225151) #
11 # 3. Muchammad Prasetyo (202110717001) #
12 #####
13
14 df = pd.DataFrame([[2005, 859], [2006, 7195], [2007, 6048], [2008, 10362], [2009, 9793],
15
TERMINAL PROBLEMS OUTPUT DEBUG CONSOLE
C:\Users\prase\AppData\Local\Programs\Python\Python310\python.exe d:/Mkmetnum/tugas_kelompok_metnum/dari_jurnal/Lagrange.py
Masukan jumlah titik data : 10
Masukan data x dan y :
x[0] = 2005
y[0] = 859
x[1] = 2006
y[1] = 7195
x[2] = 2007
y[2] = 6048
x[3] = 2008
y[3] = 10362
x[4] = 2009
y[4] = 9793
x[5] = 2010
y[5] = 21591
x[6] = 2011
y[6] = 21031
x[7] = 2012
y[7] = 21511
x[8] = 2013
y[8] = 29037
x[9] = 2014
y[9] = 22869
Masukan x yang diinginkan : 2016
Nilai interpolasi untuk 2016.000 adalah 50869888.950.

```

## Metode Regresi Linear



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TF3A4