

THE DEVELOPER



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"I had no specific bent toward science until my grandfather died of stomach cancer. I decided that nobody should suffer that much.."

—GERTRUDE B. ELION



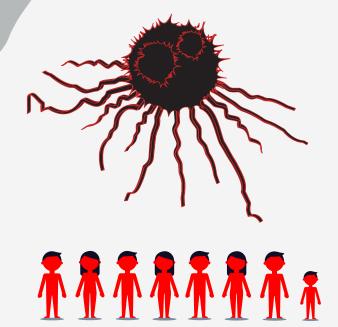
01

DEFINITION

What is GCPP System, how it works and for what?







What is Cancer

A disease in which some of the body's cells grow uncontrollably and spread to other parts of the body. Cancer can start almost anywhere in the human body, which is made up of trillions of cells

Accounts for 7.4 million deaths worldwide.

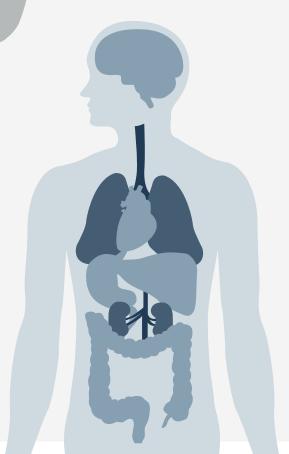


The system to predict the probability of covering potential cancer risk in general (not specific) and not for the diagnosis, reference data is covered through cancer.net, halodoc.com, and ATSDR (Agency for Toxic Disease Registry)





PARAMETER





200

AGE



GENETIC



DISEASE



ENVIRONMENT



INFECTION



LIFESTYLE







JOB

Example of GCPP Result



AGE: 19 years

GENDER: Male

DOMICILE: South Jakarta

CANCER RISK SCORE: 37.59%

Genetic

Lifestyle

Infection



FLOWCHART

How it flows in the program



FUNCTION FLOW

Phase 1 Phase 2 Phase 3 Phase 4 Phase 5

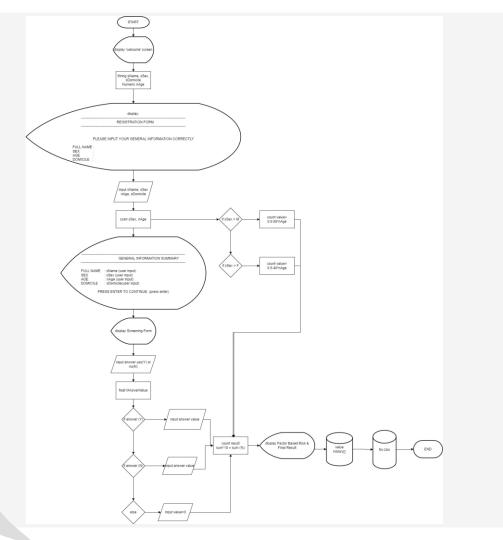
Welcoming & information

Registration

Screening

Result

Save to .CSV database







THE CODE AND RESULT

Let's take a look!



```
writer_object = writer(f)
       writer_object.writerow(list_data)
       f.close()
def start():
   os.system('cls||clear')
   os.system('cls||clear')
   os.system('cls||clear')
   screen()
   os.system('cls||clear')
   dbs()
   print("\t\t
                       THIS IS THE END OF THE SYSTEM ")
   dcc = input("\t SELECT YOUR DECISION [L : RE-START SYSTEM | LL : END SYSTEM] : [")
   if dcc == 'L' or dcc == 'l':
       start()
   if dcc == 'LL' or dcc == 'll':
start()
```





INPUT LIBRARY

CLASS FUNCTION TO STORE DATA

THE QUESTION AND VARIABLE INPUT

```
from re import X

from time import cleep
from turtle import delay
import csv
import csv
from csv import writer
import tys
import time

Class ProgressBar(object):
DEFAULT_GUMR_OFF = ''

OFFAULT_GUMR_OFF = ''

def __init_(self, ond, start=0):
    self.end = end
    self.start = start
    self__bartength = self__class__OEFAULT_BAR_LENGTH
    self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__self__s
```

```
def _nm(self,x):
    self.x = x
    inp.nm.append(x)
def sex(self,x):
    self.x = x
def _age(self,x):
    inp.age.append(int(x))
def dm(self,x):
    inp.dm.append(x)
def _agec(self,x):
    inp.agec.append(x)
def dsc(self,x):
    inp.dsc.append(x)
def _ls(self,x):
def job(self,x):
    inp.job.append(float(x))
def _env(self,x):
    inp.env.append(x)
def vc(self,x):
    self.x = x
```

```
1s1 = input('(2) DO YOU SMOKE? (Y/N) [')
1s2 = input('(3) DO YOU CONSUME ALCOHOL? (Y/N) [')
1s3 = input('(4) DO YOU WORK IN A UV RADIATION SCOPE (NO PROTECTIVE)? (Y/N) [')
1s4 = input('(5) DURING THE DAY DO YOU USE A JACKET WHEN OUTSIDE? (Y/N) [')
155 = input('(6) DURING THE DAY DO YOU WEAR TROUSERS WHEN OUTDOORS? (Y/N) [')
156 - input('(7) DURING THE DAY DO YOU USE A HAT WHEN OUTSIDE? (Y/N) [')
1s7 = input('(8) DO YOU USE SUN SCREEN OUTSIDE? (Y/N) [')
1s8 = input('(9) ARE YOU KEEPING YOUR WEIGHT IDEAL? (Y/N) [')
1s9 = input('(10) DO YOU EXERCISE ROUTINELY? (Y/N) [')
job1 = input('(11) DO YOU WORK IN URANIUM MINING? (Y/N) [')
job2 = input('(12) DO YOU WORK IN THE NUCLEAR INDUSTRY? (Y/N) [')
10b3 = input('(13) DO YOU WORK IN THE CHEMICAL INDUSTRY? (Y/N) [')
job4 = input('(14) DO YOU WORK IN SHIP BUILDING? (Y/N) [')
print ('(15) IN YOUR DAILY ACTIVITIES, ARE YOU FREQUENTLY EXPOSED TO ANY OF THE
env = input(' (benzene, beryllium, asbestos, vinyl chloride or arsenic)? (Y/N) [')
vcl = input('(16) HAVE YOU EVER TAKEN THE HEPATITIS B VACCINATION? (Y/N) [')
VC2 - input('(17) HAVE YOU EVER TAKEN THE HPV VACCINATION? (Y/N) [')
dss = input('(18) DO YOU HAVE OBESITY? (Y/N) [')
inf1 = input('(19) ARE YOU SUFFERING WITH A DISEASE CAUSED BY THE HPV VIRUS? (Y/N) [')
inf2 = input(*(20) DO YOU SUFFER A DISEASE CAUSED BY THE HEPATITIS B OR C VIRUS? (Y/N)
```





SIMPLE DECISION TO ADD VALUE

SHOWING THE RESULT OF CALCULATION

STORE DATA TO .CSV DATABASE

```
inf3 = input('(21) ARE YOU SUFFERING WITH A DISEASE CAUSED BY THE EPSTEIN-BARR VIRUS'
(Y/N) [']

inf4 = input('(22) ARE YOU SUFFERING WITH A DISEASE CAUSED BY H. PYLORI BACTERIA?
(Y/N) [']

BDSC

if dsc == 'y' on dsc == 'Y':
    imp_usk(imp,0.944782688695652)
    imp_dsc(imp,0.944782688695652)

else:
    imp_usk(imp,0.944782688695652)

slsc:
    if ls1 == 'y' or ls1 == 'Y':
    imp_usk(imp,0.9424782688695651)
    imp_xis.sappend(0.424782688695651)
    imp_vsk(imp,0.942688695651)
    imp_vsk(imp,0.942688695651)
    imp_vsk(imp,0.942688695651)
    imp_vsk(imp,0.942688695651)
    imp_vsk(imp,0.942688695651)
    imp_vsk(imp,0.942688695651)
    imp_vsk(imp,0.942688695651)
    imp_vsk(imp,0.96268695651)
    imp_vsk(imp,0.96268695651)
    imp_vsk(imp,0.964782688695651)

imp_vsk(imp,0.964782688695651)
```



THE RESULT



COUNTING AD CONDING - Axis Eleming Sale Bad Destago (COP ace — D X

RECOSTRATION FORM

PLEASE INPUT YOUR GENERAL INFORMATION CORRECTLY

() NAME : RECE
() SEC (CMF) : H
() AGE : 18
() DOMICILE : JAARATA



[1]



E CALCULATING YOUR CRS SCORE

24% [

CALCULATING YOUR CRS SCORE

24% [

CALCULATING YOUR CRS SCORE

]



[4]



[5]

[6]





HV.CSV DATABASE

(Historical Value)

NAME T	SEX ▼	AGE V	DOMICILE T	RAW_AGEC T	RAW_DSC T	RAW_LS ▼	RAW_JOB ▼	RAW_ENV T	RAW_VC ▼	RAW_DSS ▼	RAW_INF T	AGE V	GENETIC T	LIFE STYLE T	JOB ▼	ENVIRONMENT	VACCINATION
RIKI	М	19	JAKARTA			1.24	1.04		0.66			2.03	5.45	12.44	10.4		
RAFIE		18	JAKSELLLLLLLL			1.94								19.44			
ALF	м	19	DEPOKSSS			0.41				0.43	0.44	2.03	5.45	4.15	10.2		
ALFIKRI			JAKSELLL ABESS														
AWKARIN			JAKPUSS														
MAMALEMON		29	JAKSELON CITI														
EPSILON			KARAWACI							0.43							
кю		19	KRW														
RIKO																	
RIO		19	KRW														
RK																	
KOI		19															
RIKI		19	KRW														
RIOK																	
wo																	
RIO		19															
RIKO								0.48		0.43							
RITO			KRWWW														
RIKI		19	KRE			1.24	2.04			0.43			5.45	12.44	20.39		
RIO		19	KRW		0.54	124		0.48		0.43	1.84		5.45	12.44	15.34	4.85	





CONFIGURATION

I recommend this!







System Requirement Recomendation

Hardware: Intel I7 gen 11, RAM 16 GB HDD 100 GB or 1 TB, Video

graphicNVidia GeForce RTX 3080

VGA Resolution: 7680x4320

Operating System: Windows 11

Software: - Command Prompt

- Microsoft Word 2021

- Microsoft Excel 2021

THANKS!



