

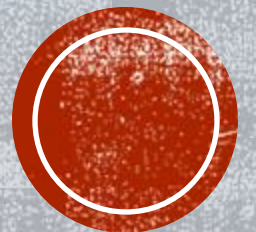
```
mirror_mod.use_x = False  
mirror_mod.use_y = True  
mirror_mod.use_z = False  
operation == "MIRROR_Z"  
mirror_mod.use_x = False  
mirror_mod.use_y = False  
mirror_mod.use_z = True
```

```
#selection at the end -add  
mirror_ob.select= 1  
modifier_ob.select=1  
context.scene.objects.active  
("Selected" + str(modifier_ob))  
mirror_ob.select = 0  
= bpy.context.selected_objects  
data.objects[one.name].select  
print("please select exactly
```

-- OPERATOR CLASSES ----

PYTHON FUNDAMENTALS

Let's tame that python!



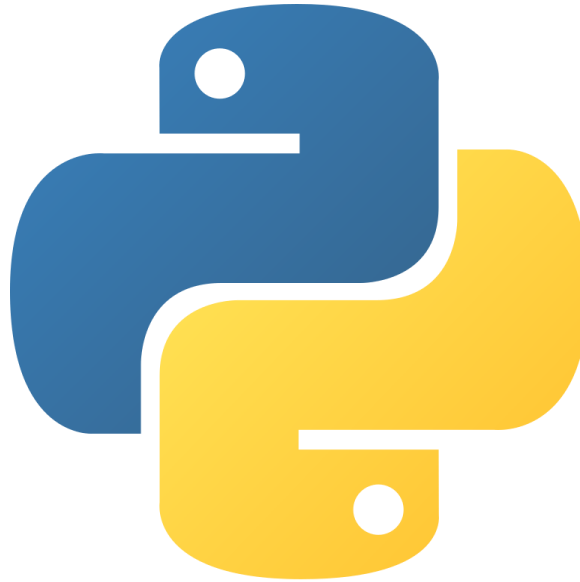
SETTING THE EXPECTATIONS

- ❖ You are in the correct place if you are:
 - ❖ A beginner in Python
 - ❖ Hacking solutions rather than developing them
 - ❖ Facing problems understanding Python and its instructions
- ❖ This is not intended for:
 - ❖ Pandas learning
 - ❖ Experienced Python programmers
 - ❖ Complete guide for Python
- ❖ I won't assume anything and I will touch upon necessary soft skills.

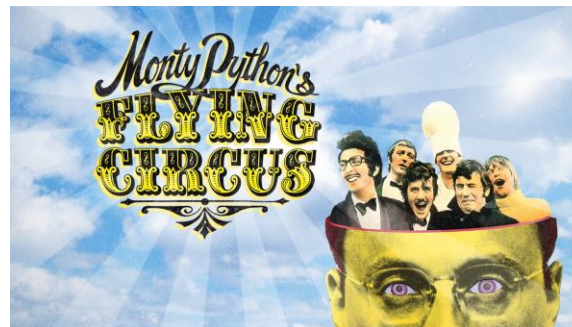


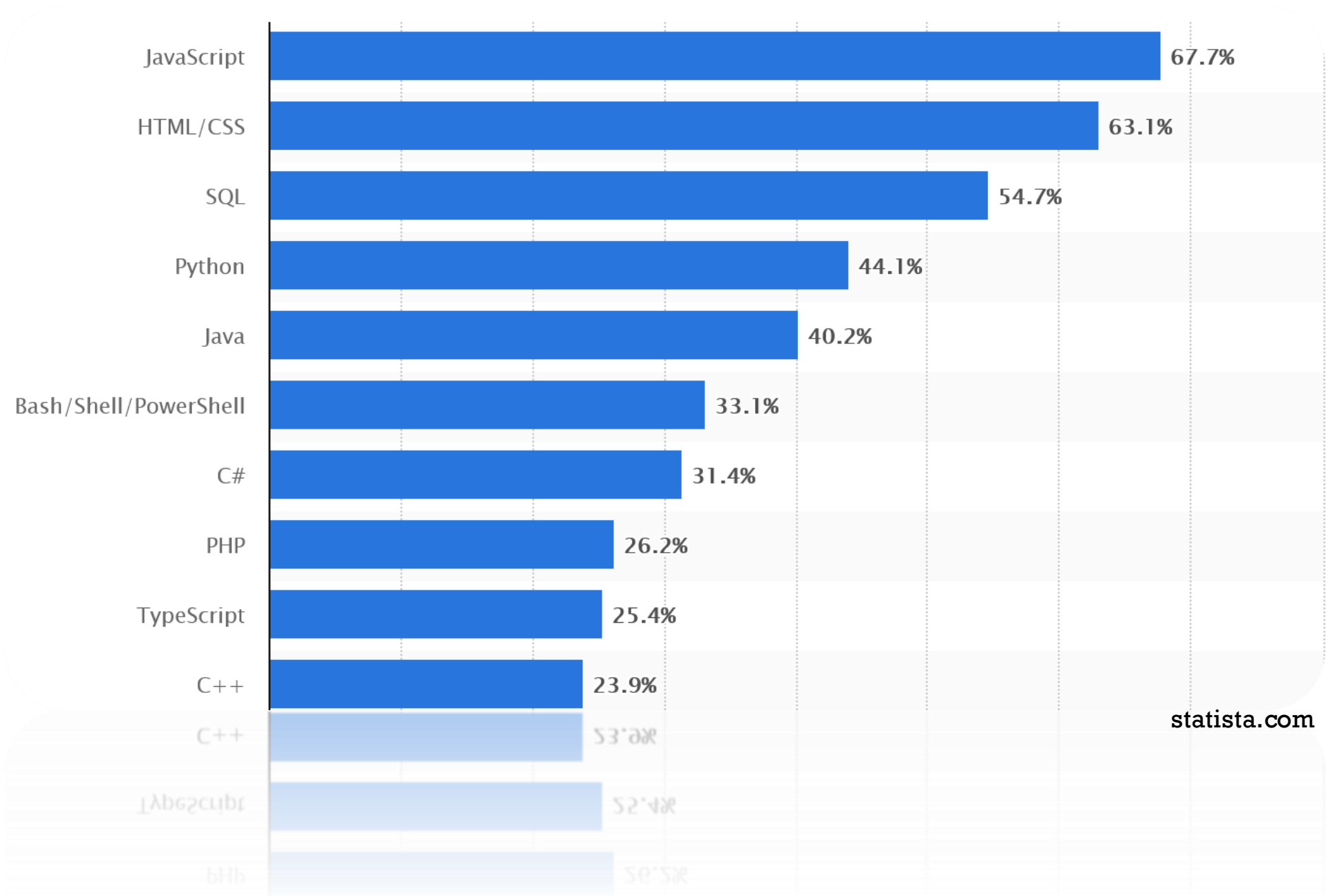
**General-purpose and widely
used**

Born in 1991

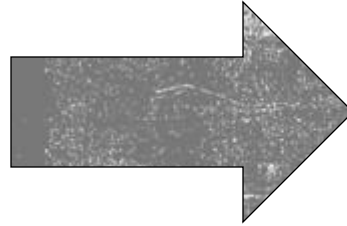


High-level





WRITING PYTHON CODE: WHAT AM I DOING?



PYTHON

```
PS D:\Workshops\Python Fundamentals\repo\python_fundamentals_workshop> & 'C:\Program Files\Python39\python.exe' 'c:\Users\1.6.944021595\pythonFiles\lib\python\debugpy\launcher' '59706' '--' 'd:\GetSmarter\Workshops\Python Fundamentals\repo\python_fundamentals_workshop\Untitled-1.py'
```

I love Python!



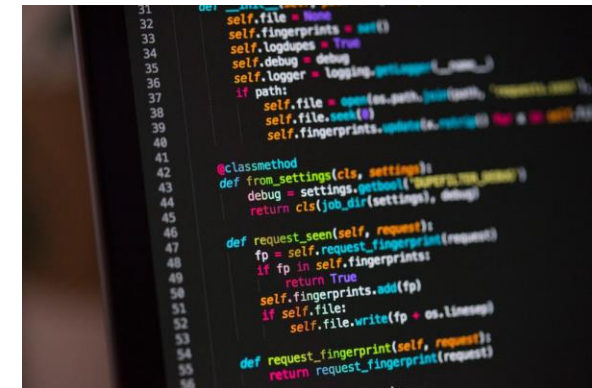
WHY TO WRITE CODE?

***Automate tedious
and/or difficult
tasks, inter alia***



HOW TO START CODING IN PYTHON?

Well, don't start *coding* then!



1

It's easier to develop the code of a solution than to develop the code and the solution at once!



HOW TO START CODING?

«DIVIDE AND CONQUER»

- (1) Accept nothing as true that is not self-evident
- (2) Divide [complex] problems into their simplest parts
- (3) Solve problems by proceeding from simple to complex
- (4) Recheck the reasoning



Cogito, ergo sum

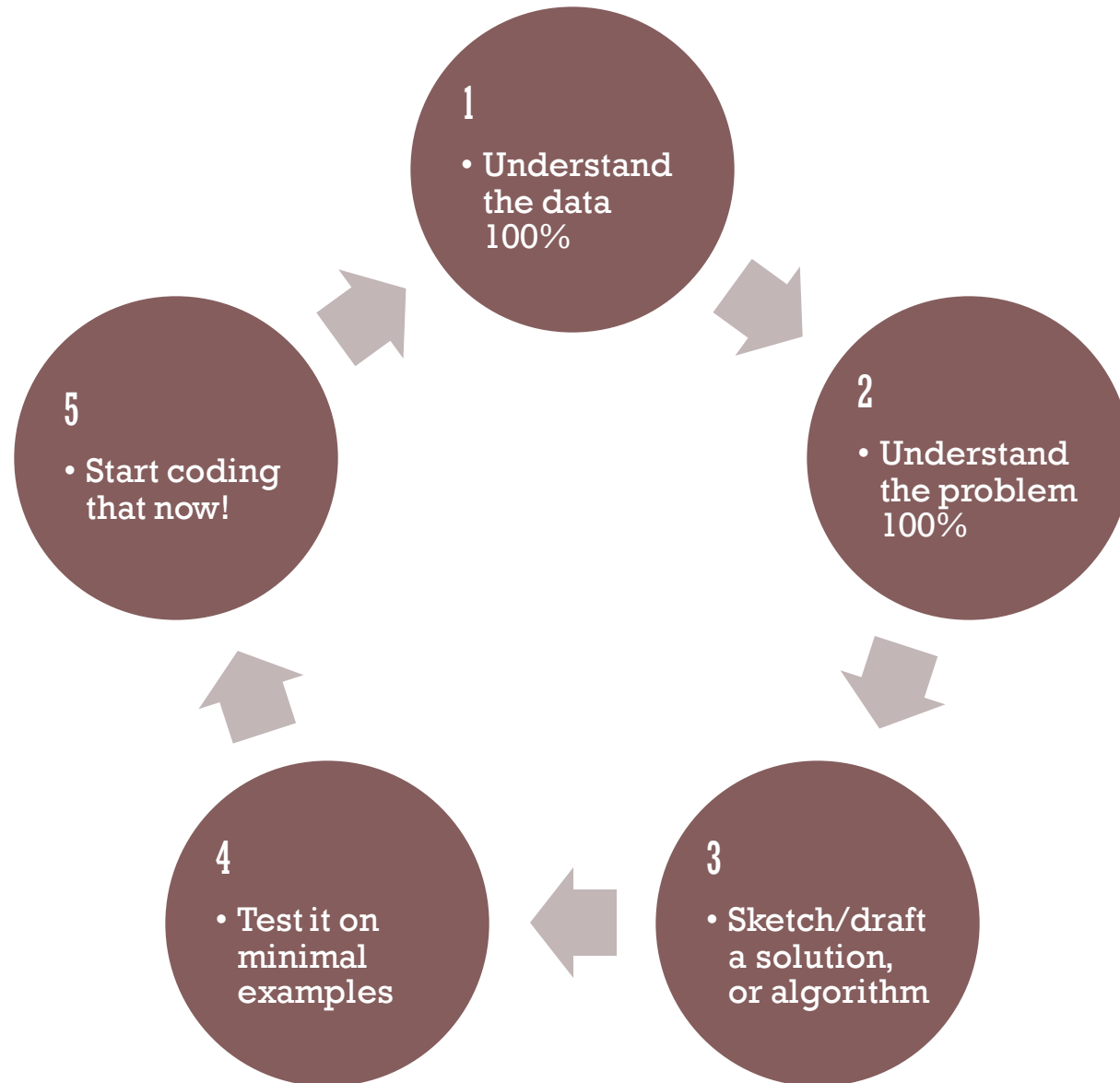
DISCOURSE ON METHOD

RENÉ
DESCARTES

*Discourse on Method (1637) and
Rules for the Direction of the Mind
(1628)*

<https://www.britannica.com/biography/Rene-Descartes#ref478297>

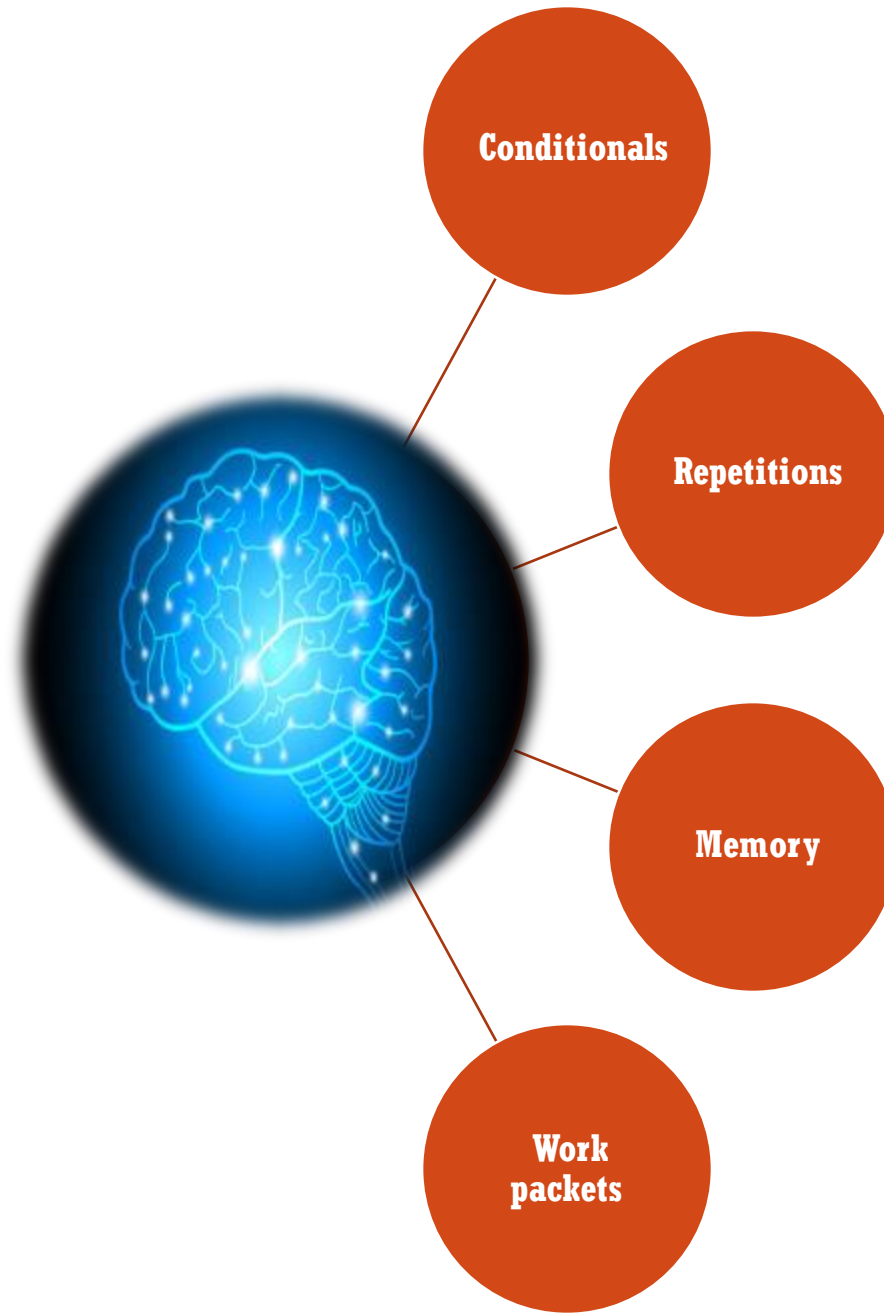




HOW TO START CODING IN DATA PROJECTS?



HOW TO START CODING IN PYTHON?





CHECKPOINT

Quick Recapitulation