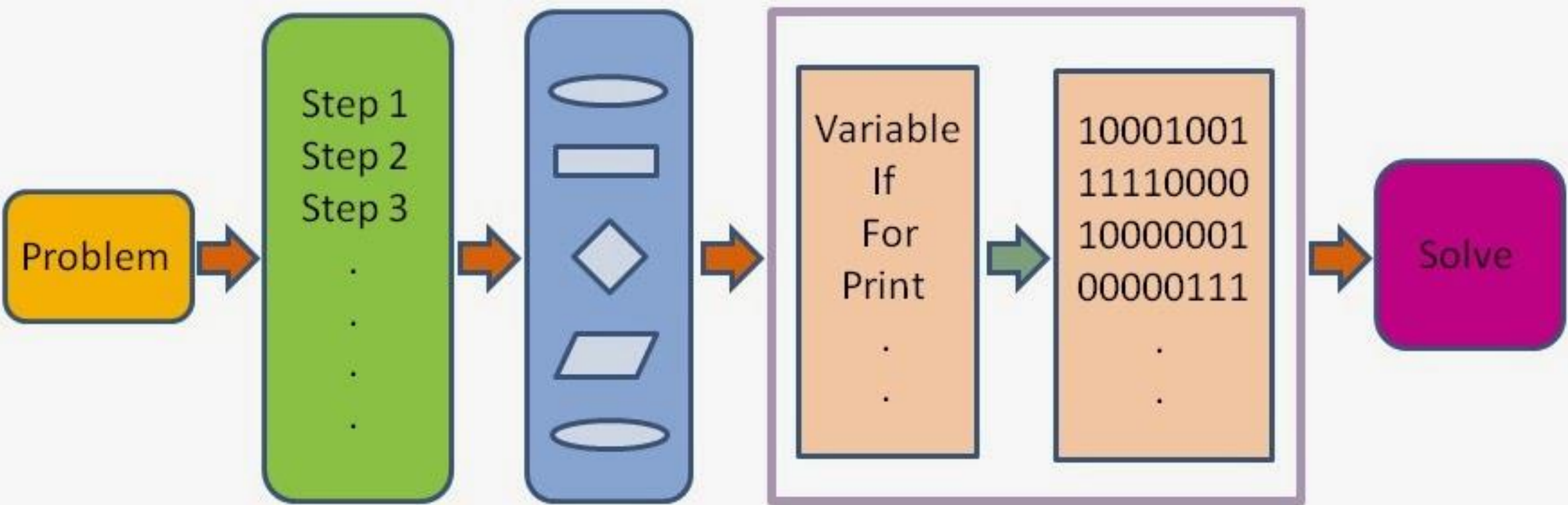


Python For Data Science



Amirreza Najafi
<https://github.com/njiix/>

Why Programming?



Algorithm

Flowchart

Programming language
(Basic , VB , C , C++ , C# , Java , Perl , ...)



stackoverflow

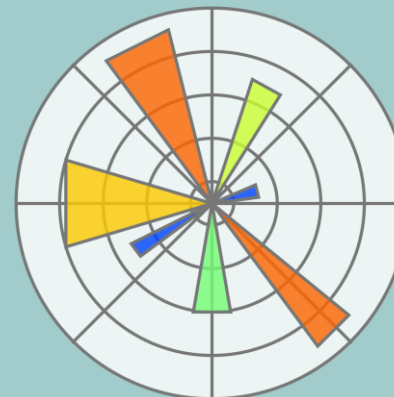
what & why
Python?

Java

```
1 File dir = new File("."); // get current directory
2 File fin = new File(
3     dir.getCanonicalPath() + File.separator + "Code.txt"
4 );
5
6 FileInputStream fis = new FileInputStream(fin);
7
8 // Construct the BufferedReader object
9 BufferedReader in = new BufferedReader(
10     new InputStreamReader(fis));
11
12 String aLine = null;
13 while ((aLine = in.readLine()) != null) {
14     // //Process each line, here we count empty lines
15     if (aLine.trim().length() == 0) {}
16 }
17 // do not forget to close the buffer reader
18 in.close();
```

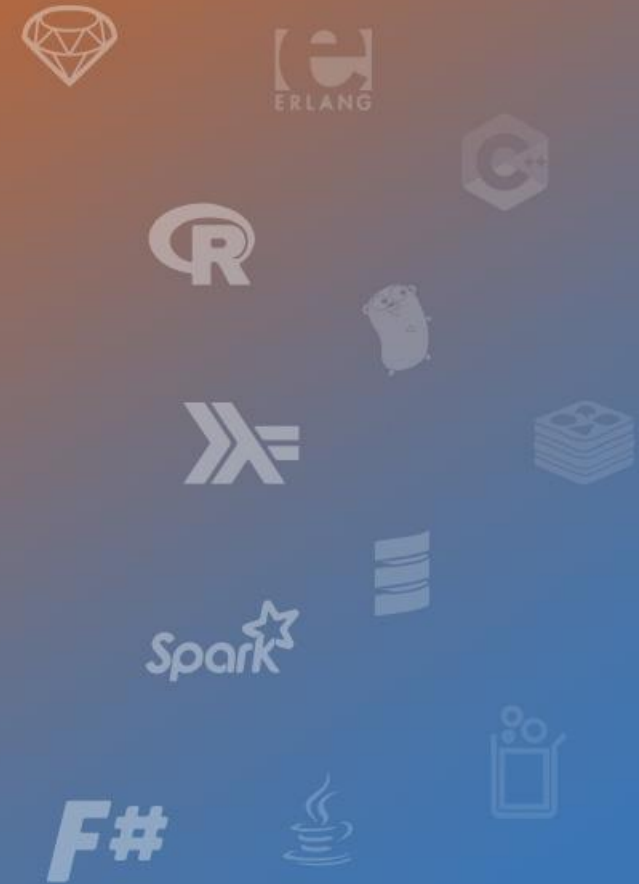
Python

```
1 my_file = open("/home/xiaoran/Desktop/test.txt")
2
3 print(my_file.read())
4 my_file.close()
```





ANACONDA[®]



Let's GO