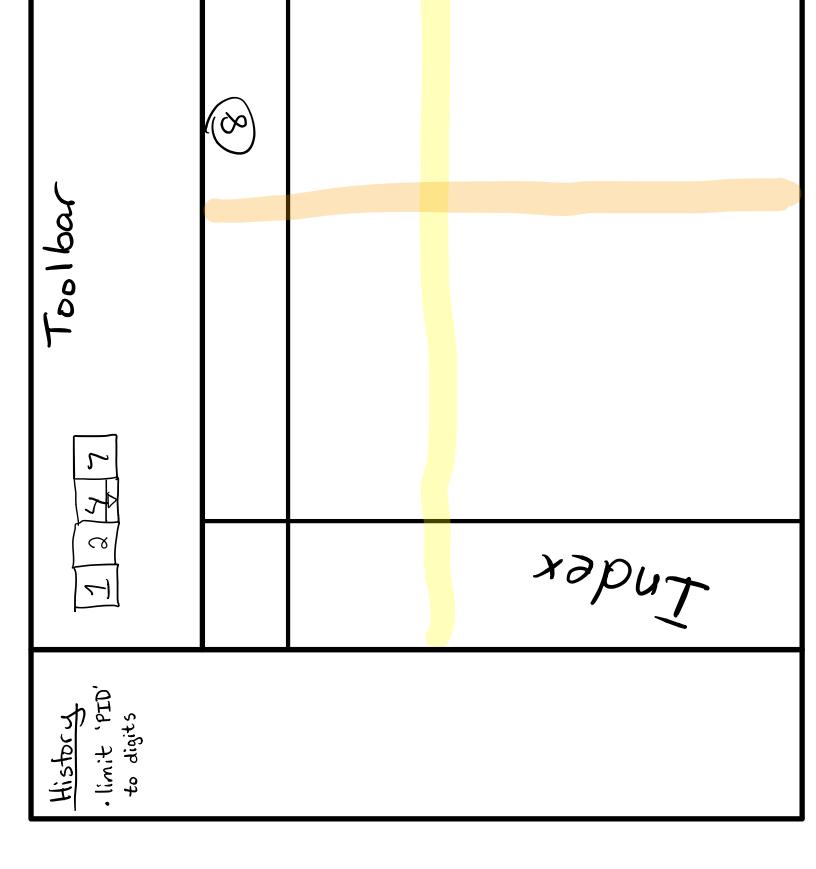


confirm?



initiate() is run at the beginning every time

- 1 is remove, after selecting you can highlight 4 choose to remove a column, row, or cell
- a range for rows or you can select columns or you can select

- · 3 is a search, you can find & replace everywhere, within a column by selecting column & searching (in any order) or by selecting the drop down (change cell's value or only substring) and a replace bar to type in
- · 4 is a None/NaN button that opens a drop down asking to remove rows or change all those cell's to _____ (user input) or keep rows
- •5 shows general data—if nothing selected it shows DF size—if col it will show pie graph or bur graph with stats below
- · 6 is a jump. Col & row will both have drop-down for selections but you can also type

 -can jump to col, row, or cell
 - · 7 creates a new column, can be empty, filled, or a boolean col
 - · 8 click on a col header to rename it, or change its type, or unlock its type, or choose to sort it

when wlumn is highlighted. 1.) make column index 2.1 create limiting factor 3.) create new boolean column 4.1 change case 5.1 None/NaN - remove or change 6.) Make col index 7.) If string also in 3: - split 8.) If col type is Numbers, math operations 9.) Remove numbers, letters, whitespace. 10.1 heep letters When cell is highlighted:
1.) change value
2.) remove value When row is highlighted: 1.) remove row 2.) make header row It nothing is selected?

if there are duplicate rows:

· remove duplicate rows

(suggestion in specific commands)

if something is typed in 3:

· remove rows with

· keep rows with