# User guide for crash4viz

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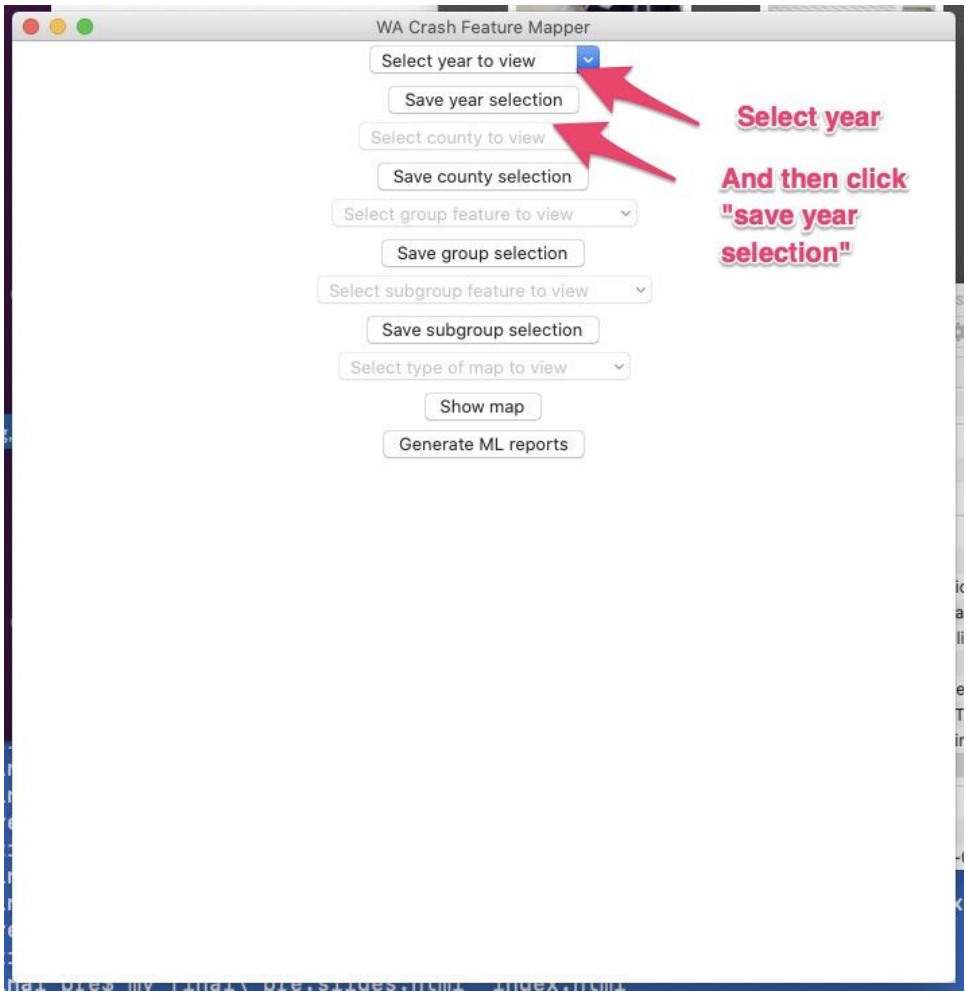
Step 1:
Clone github repo by ***`git clone https://github.com/syin3/crash4viz.git`***

Step 2:
Install the package by ***`python setup.py install`***

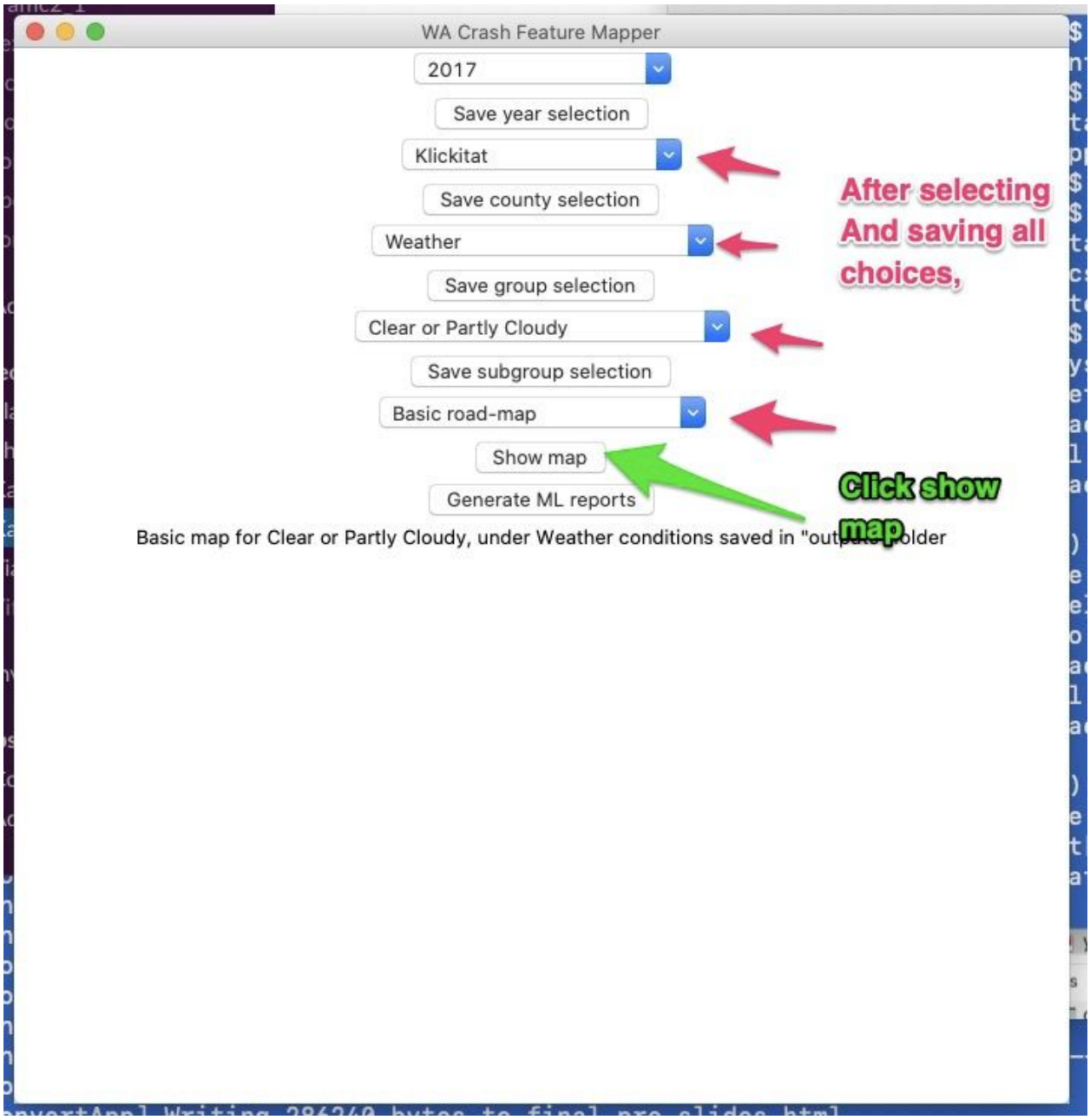
Step 3:
Know what's in our data by looking at
***`crash4viz/docs/data handbook/var_explanation.pdf`*** and
***`crash4viz/docs/data handbook/hsis_data_guidebook.pdf`***

Step 4:
Start using!

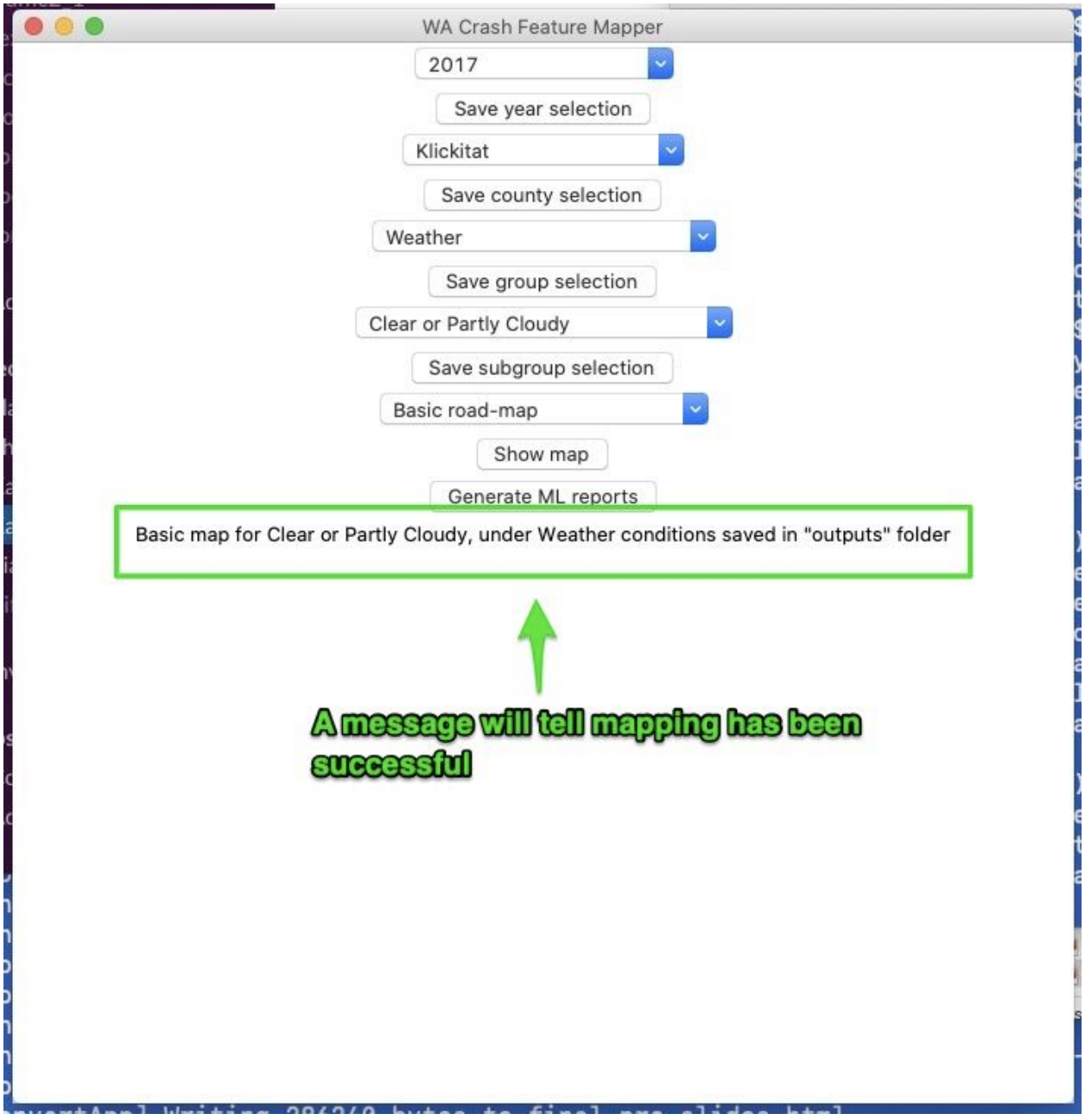
(1) Must select year for mapping or report



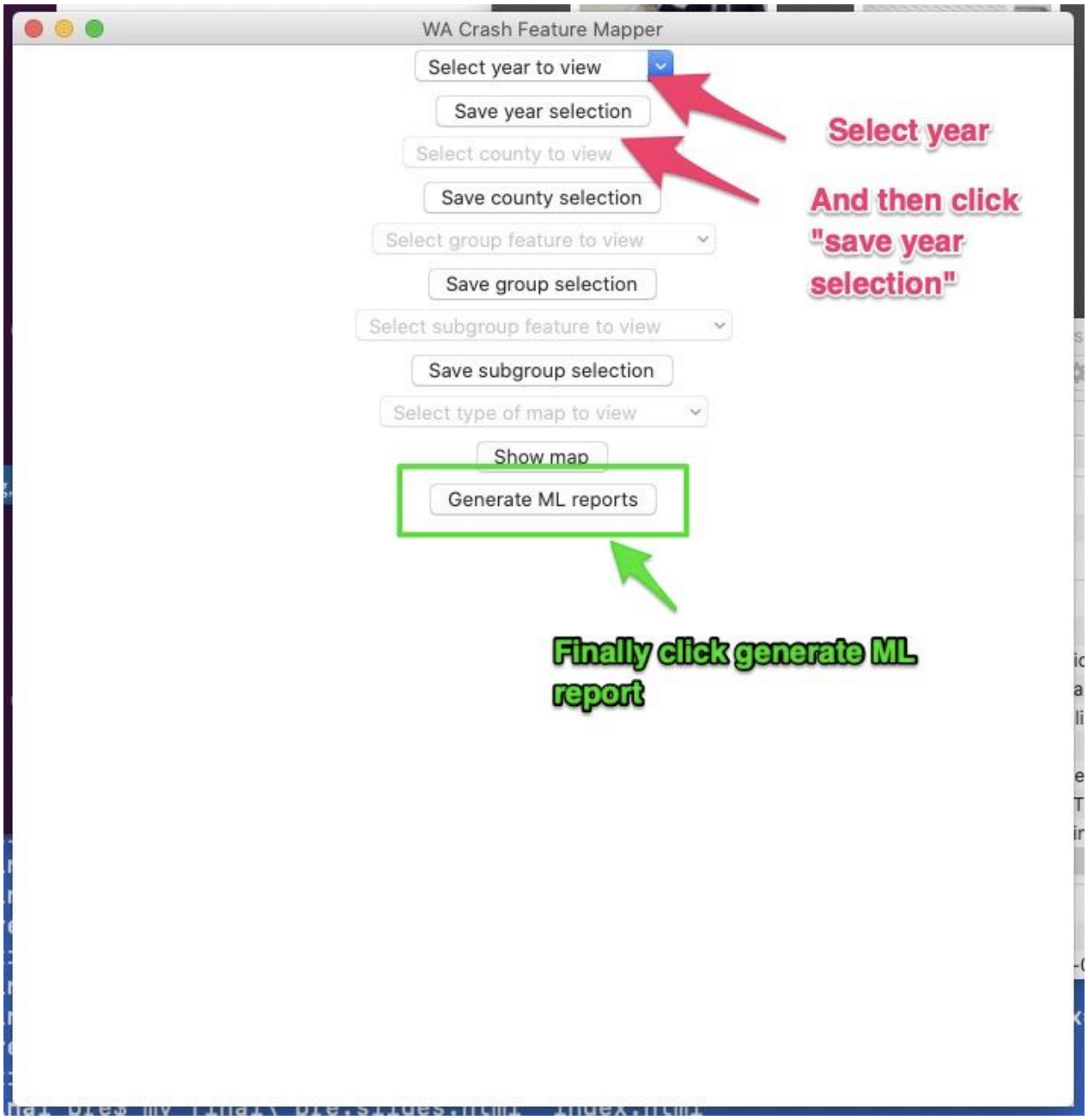
(2) To visualize, must have valid choices for all fields:




If successful, a message at the bottom will show up as follows. It will tell the kind of map with selected features are plotted in the output folder, which is “/crash4viz/outputs/” in our case.




(3) To generate analysis report, the user is only asked to select year. After selection, clicking “Generate ML reports” will produce statistics plots in outputs folder. Again, “/crash4viz/outputs/” in our case.


WA Crash Feature Mapper
Select year to view
Save year selection
Select county to view
Save county selection
Select group feature to view
Save group selection
Select subgroup feature to view
Save subgroup selection
Select type of map to view
Show map
Generate ML reports
Select year
And then click "save year selection"
Finally click generate ML report