# 196.https://stackoverflow.com/questions/72456718/how-to-create-a-csv-file-that-will-look-like-this-json-file

**T:**How to create a CSV File that will look Like This JSON File

**Q:**I am basically wanting to update multiple scholars for an NFT game (axie infinity). It requires a JSON file that looks like this:  
  
{ "name": "Scholar 1", "ronin": "ronin:<account\_s1\_address>", "splits": [ { "persona": "Manager", "percentage": 44, "ronin": "ronin:<manager\_address>" }, { "persona": "Scholar", "percentage": 40, "ronin": "ronin:<scholar\_1\_address>" }, { "persona": "Other Person", "percentage": 6, "ronin": "ronin:<other\_person\_address>" }, { "persona": "Trainer", "percentage": 10, "ronin": "ronin:<trainer\_address>" } ] }  
  
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But since there are multiple scholars/players, I wanted to know if there was anyway to format something on a CSV file that if I convert or import it using a JSON tool it will look like like the JSON above?  
  
Your help is much appreciated.. Thank you!  
  
PS:  
  
The first lines:  
  
"name": "Scholar 1", "ronin": "ronin:<account\_s1\_address>", "splits":  
  
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Would need to be repeated since again there are multiple scholars, i.e. Scholar 1, Scholar 2, Scholar 3...

**C1:**Does this answer your question? What is the best way to convert from CSV to JSON when commas and quotations may be in the fields?

2 **Answer**

**A1:**CSV file structure is column-base, if Axie infinity require JSON file, you can create a CSV file by Excel or Google sheet and convert to JSON.  
  
there is a similar answer to convert CSV to JSON

**C1:**Hello.. Thanks for the answer.. I understand that a CSV file is column based.. But is there another way even if its not via CSV to create a JSON file that has multiple entries? I have created a JSON from CSV before when it was a bit simple to do.. But right now it seems from what I can see, I need to create a separate CSV file for each Scholar..? Is that right?

**C2:**🙏, you don't need separate CSV file. sperate scholars by ID, then when creating json filter scholar data with ID. if you don't know programing language(s), csv is best format.

**A2:**starting from this CSV that has this structure  
  
you can run this Miller command  
  
mlr --c2j reshape -r "^(p|s)" -o k,v then \put '$k="splits".".".${id\_persona}.".".$k' then \cut -x -f id\_persona then \reshape -s k,v out.csv  
  
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to have  
  
[ { "name": "Scholar 1", "ronin": "ronin:<account\_s1\_address>", "splits": [ { "persona": "Manager", "percentage": 44, "split\_ronin": "ronin:<manager\_address>" }, { "persona": "Scholar", "percentage": 40, "split\_ronin": "ronin:<scholar\_1\_address>" }, { "persona": "Other Person", "percentage": 6, "split\_ronin": "ronin:<other\_person\_address>" }, { "persona": "Trainer", "percentage": 10, "split\_ronin": "ronin:<trainer\_address>" } ] }]  
  
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Some notes:  
  
 ● reshape -r "^(p|s)" -o k,v, to transform the input from wide to long;  
  
 ● put '$k="splits".".".${id\_persona}.".".$k', to create values that I will use as field names (splits.1.persona,splits.1.percentage,splits.1.split\_ronin,splits.2.persona,splits.2.percentage, ....  
  
 ● cut -x -f id\_persona, to remove the field id\_persona;  
  
 ● reshape -s k,v, to transform all from long to wide.  
  
The real goal is to build, starting from that input, this kind of CSV  
  
+-----------+----------------------------+------------------+---------------------+-------------------------+------------------+---------------------+---------------------------+------------------+---------------------+------------------------------+------------------+---------------------+-------------------------+| name | ronin | splits.1.persona | splits.1.percentage | splits.1.split\_ronin | splits.2.persona | splits.2.percentage | splits.2.split\_ronin | splits.3.persona | splits.3.percentage | splits.3.split\_ronin | splits.4.persona | splits.4.percentage | splits.4.split\_ronin |+-----------+----------------------------+------------------+---------------------+-------------------------+------------------+---------------------+---------------------------+------------------+---------------------+------------------------------+------------------+---------------------+-------------------------+| Scholar 1 | ronin:<account\_s1\_address> | Manager | 44 | ronin:<manager\_address> | Scholar | 40 | ronin:<scholar\_1\_address> | Other Person | 6 | ronin:<other\_person\_address> | Trainer | 10 | ronin:<trainer\_address> |+-----------+----------------------------+------------------+---------------------+-------------------------+------------------+---------------------+---------------------------+------------------+---------------------+------------------------------+------------------+---------------------+-------------------------+  
  
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and than use it to create the final JSON output