**Our Research Process:**

1.Read abstract, introduction of and conclusion different kinds of peer reviewed papers(

select latest papers).

2. Take the grasp of what dataset used and what kind of methods used and what research gap solved and what future work can be done(as our paper type is going to be on model improvement or proposing new paper) - to fill out the spreadsheet and to write the literature review.

3. Select a dataset to work on and find the latest papers related to that dataset( especially papers with solutions).

4. Now start searching for methods related to the solutions. Start working on different types of methods and see what can be done, take a look at each solutions. ( fillout the second spreadhsheet for easiness.)

6. Build a model or enhance a model.

7. Then start writing paper or you can write paper sideby while doing above things.

(Note: You should at last select 20 papers and go through it 2 to 3 times, the papers should be of one dataset and with solutions.)

But for literature review and general overview of what kind of work is being done in this field you should read, abstract, intro, conclusion and future work of 40 papers and then only categorize the papers into at most 20 for further research)

Model Building:

1. After you pick the dataset:

Start looking for one solution and implement that solution by yourself:

To understand the dataset and you will get hands on the dataset and will know what to do with it further.

1. After that pick the category, like supervised learning, unsupervised learning, deep learning and further.
2. After you do that again look for the solution and also study on how to implement model on that way..like if I picked deep learning then I should study deep learning and how to build model that way. – but before choosing this way make sure to know the advantages and disadvantages of the model.
3. Finish building up the model.
4. Then start rereading the 20 papers before side by side drafting the paper.
5. Redraft the paper and look for the reviews from other people and your paper is ready.