Group 7

• Summary of the report.

This project aims to solve a social problem about pet. As there are many pets still waiting to be adopted, attractive photoshoot of them really help to generate more interest, giving them high chance to be adopted soon. To measure that attractiveness, the project tends to use ML model to score their pawpularity. The dataset consists of images and their metadata about pets, giving 2 natural approaches. In the first approach, the metadata is used only, corresponding to some statistical methods, but the result is not satisfactory. In the second approach, images are used along with a State-of-the-art NN model Swin Transformer. That gives much better result. Finally, the project gives analysis on results, and possible improvement.

• Describe the strengths of the report.

The report provides some reasonable data analysis and briefly introduce which methods used in which data.

• Describe the weaknesses of the report.

Lack of detailed information about Swin Transformer and the figures included are not really illustrative.

• Evaluation on quality of writing (1-5): Is the report clearly written? Is there a good use of examples and figures? Is it well organized? Are there problems with style and grammar? Are there issues with typos, formatting, references, etc.? Please make suggestions to improve the clarity of the paper, and provide details of typos.

4. Evaluation is as follow and Group 7 can improve based on this

- The report is somewhat clearly written and moderately well-organized.
- Some examples and figures added into the report are lack of information and even without any elaboration.
- Missing reference section.

• Evaluation on presentation (1-5): Is the presentation clear and well organized? Are the language flow fluent and persuasive? Are the slides clear and well elaborated? Please make suggestions to improve the presentation.

4. Evaluation is as follow and Group 7 can improve based on this

- The presentation is generally clear, well organized, and aligned with the report.
- The language flow is somewhat fluent and persuasive

• Evaluation on creativity (1-5): Does the work propose any genuinely new ideas? Is this a work that you are eager to read and cite? Does it contain some state-of-the-art results? As a reviewer you should try to assess whether the ideas are truly new and creative. Novel combinations, adaptations or extensions of existing ideas are also valuable.

4. Evaluation is as follow

- The work doesn't propose any genuinely new idea on dealing with Tabular metadata but adopt a relatively novel model to cope with Image data.
- The second part of the work is quite interesting to read.

- I do expect that he used more models in dealing with Tabular metadata and then compare their performances because using Swin Transformer did not generate state-of-the-art results.

• Confidence on your assessment (1-3) (3- I have carefully read the paper and checked the results, 2- I just browse the paper without checking the details, 1- My assessment can be wrong)

2. I just browse the paper without checking the details