Review of: "Attention Mechanism Model Combined with Adversarial Learning for E-commerce User Behavior Classification and Personality Recommendation"

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Thank you so much for choosing me as a reviewer for this paper. This manuscript is written well as i can see there are major changes in it.

1: **Abstract** is written properly. There is no specific change.

2: For **Introduction section** write more about ecommerce. It is recommended to add some flowcharts or DFD's to make this paper more presentable.

3: **Related work section:** It is suggested to add recent researches of year 2022 and 2023, as author has fogotten to do extensive litearature survey. It is also suggested to add a comparative study table which shows the most relevant and new studies for this specific problem. Do not go in other areas, only talk about your field.

4: **Methodology section:** For this section it is recommended to add a pseudocode and work flow diagram in order to make it more understandable. Add a section of techniques used for this work. Write how the data was cleaned both for review as well as image. We know cleaning process is huge and requires time therefore, i suggest you to add dataset description in methodology section with some major methods and psuedocodes used for it and how did you extract the dataset and which techniques were specifically used for it. Author should also write either the dataset was primary or secondary and give it description. Make this section more understandable for the begginers. For feature engineering show what the input data was for CNN and output data as well. Explain briefly. Show CNN mechanism properly.

5: **Discussion section:** For this section add a proper workflow of the framework, recent researches, citations, add parameters and performance metrices (give description also). Explain properly how Epoch works with metrices. Try to add accuracy parameter to it.

6: **Conclusion** has no change.

7: **References:** Add more references from year 2021, 2022, and 2023.

Decision: The paper is written well and there is no specific grammar error. The author needs to do recent literature survey and add all suggestion given by me in order to make it better. I have decided to accept the paper for any journal with **MAJOR CHANGES** in it.