

## First peer review (Prophet)

*1. Are project objectives clearly explained?*

*If not write what was not clear. Provide your opinion on the problem.*

In our opinion, the project objectives are perfectly explained. Everything is described very clearly. The idea to add autoregressive models is fully justified. The refactoring with PyTorch Lightning will make the described algorithms more accessible for research. The only thing that should be explained better - what is exactly the problem of the existing API?

*2. Is proposed baseline solution relevant to the problem? Could you recommend something to the team?*

Yes, proposed baseline solutions are relevant to the problem. Using LIBRA allows you to create an excellent benchmark for analyzing the available models. No recommendation.

*3. Is it clear from the report how the team is going to test / evaluate the results? (not only metrics but code and bugs). Could you recommend something here?*

All is clear. LIBRA tests performance, and NeuralProphet already has modules with unit and integration tests that will be extended to cover all of the refactored and new code.

*4. Is it possible to guess next project development steps from the report and github repository?*

*What a team is going to do next, provide with 3 next possible steps?*

Yes, the team has a very structured time schedule with the next steps. There will be refactoring with PyTorch Lightning, the addition of new models and tests + documentation.

*5. Would you recommend to improve the report and how? Or it is all good.*

No recommendations. All is great!!!

*6. Is project github repository easy to follow?*

Yes, best repository on the current TFDS course!