



*Weekly Report*

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**Abstract**

- 1. Display Advertising project

**Description**

**1. Display Advertising project**

We have got that our proposed method doesn't outperform the baseline (FM) with significant margin. (Less than 1% of AUC)

I came up with two simple ideas:

- Increase interaction dimension.
- Increase number of layers of the networks which compute interactions.

I implemented these two ideas and ran a loop over some possible combinations of them. I am currently waiting for the results.

**Next Week**

**• Display Advertising project**

- Get results for the two simple ideas.
- Start implementing for Avazu dataset.

**References**