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## Checklist

- Imbalanced
- Missing Values
- Outliers
- Highly correlated
- ...

• High Learning -

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Time Complexity  $\Rightarrow$  ?

Dataset from HDFS, Realstream,  
SQL  $\Rightarrow$  ?

Which architecture to use  $\Rightarrow$  ?

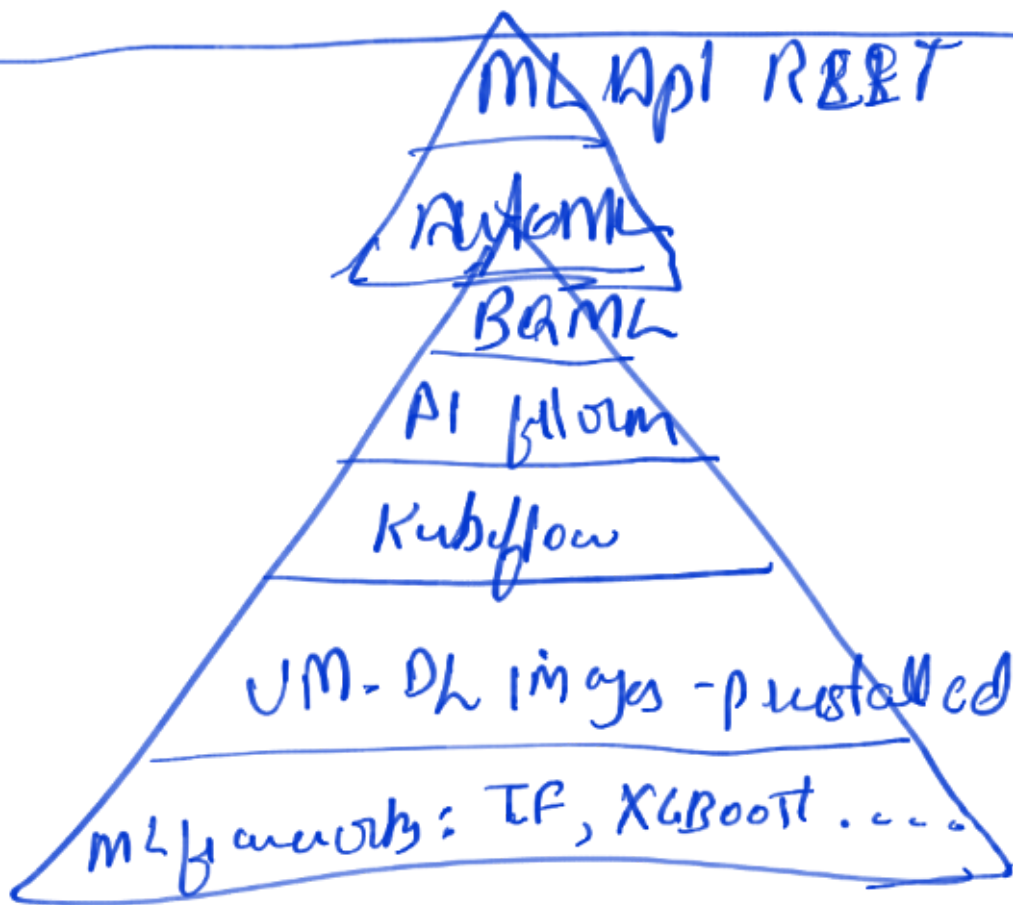
Best Results?

• MNS  $\Rightarrow$  Manual Search -

• Hypertune  $\Rightarrow$

• nas - nnas

ML Pipelines



Big Data :

SHAP - Interpretation of models.

Mobile net SSD

## Resources

This talk on YouTube [bit.ly/automi-custom-model](https://bit.ly/automi-custom-model)

AutoML [cloud.google.com/automl](https://cloud.google.com/automl)

AI Platform [cloud.google.com/ai-platform](https://cloud.google.com/ai-platform)

TensorFlow [tensorflow.org](https://tensorflow.org)

SHAP [github.com/slundberg/shap](https://github.com/slundberg/shap)

Want to stay in the loop on model interpretability support for AI Platform?

Fill out this form: [bit.ly/model-interpret-interest](https://bit.ly/model-interpret-interest)

Want to try out AI Platform custom code?

Fill out this form: [bit.ly/cmle-custom-code-signup](https://bit.ly/cmle-custom-code-signup)



## Thank you!



@YufengG

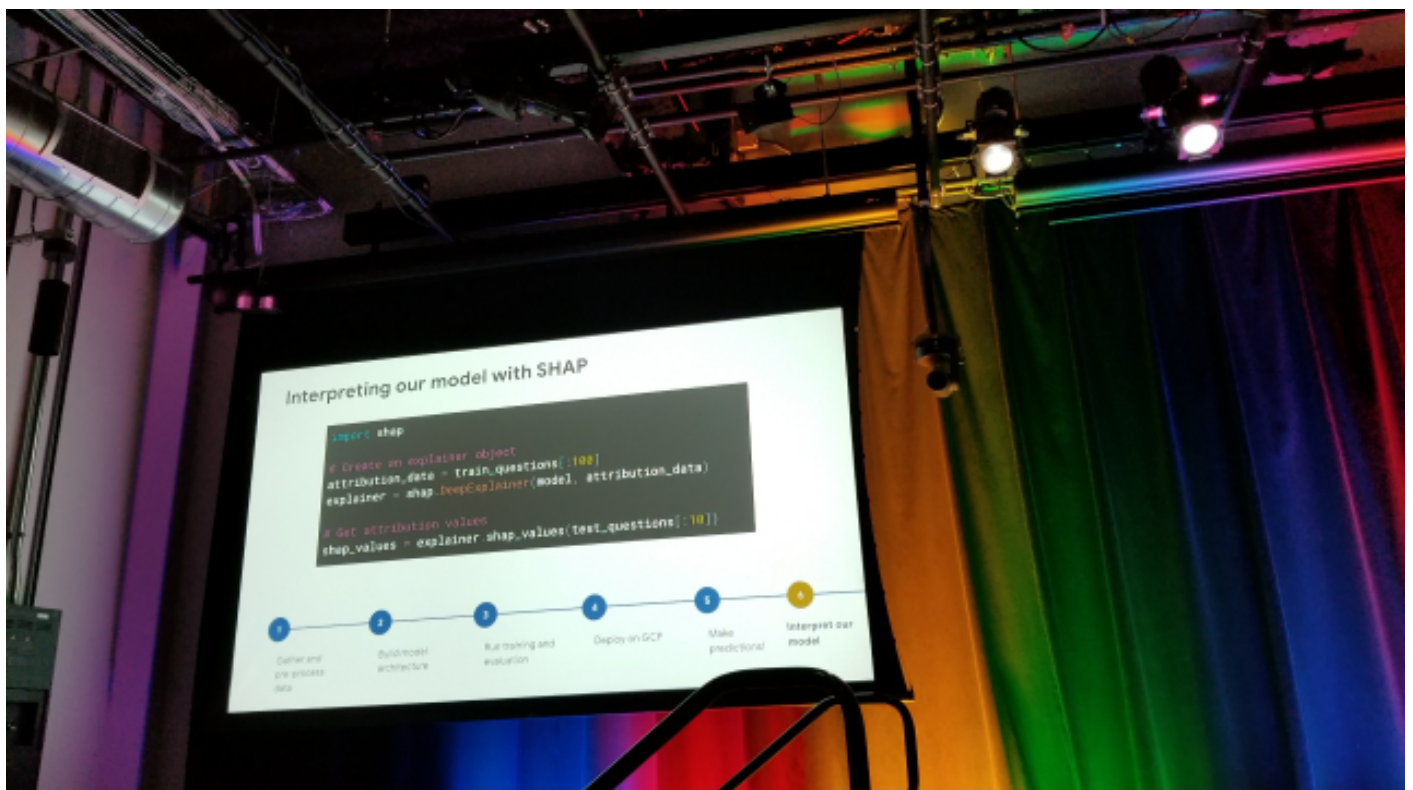
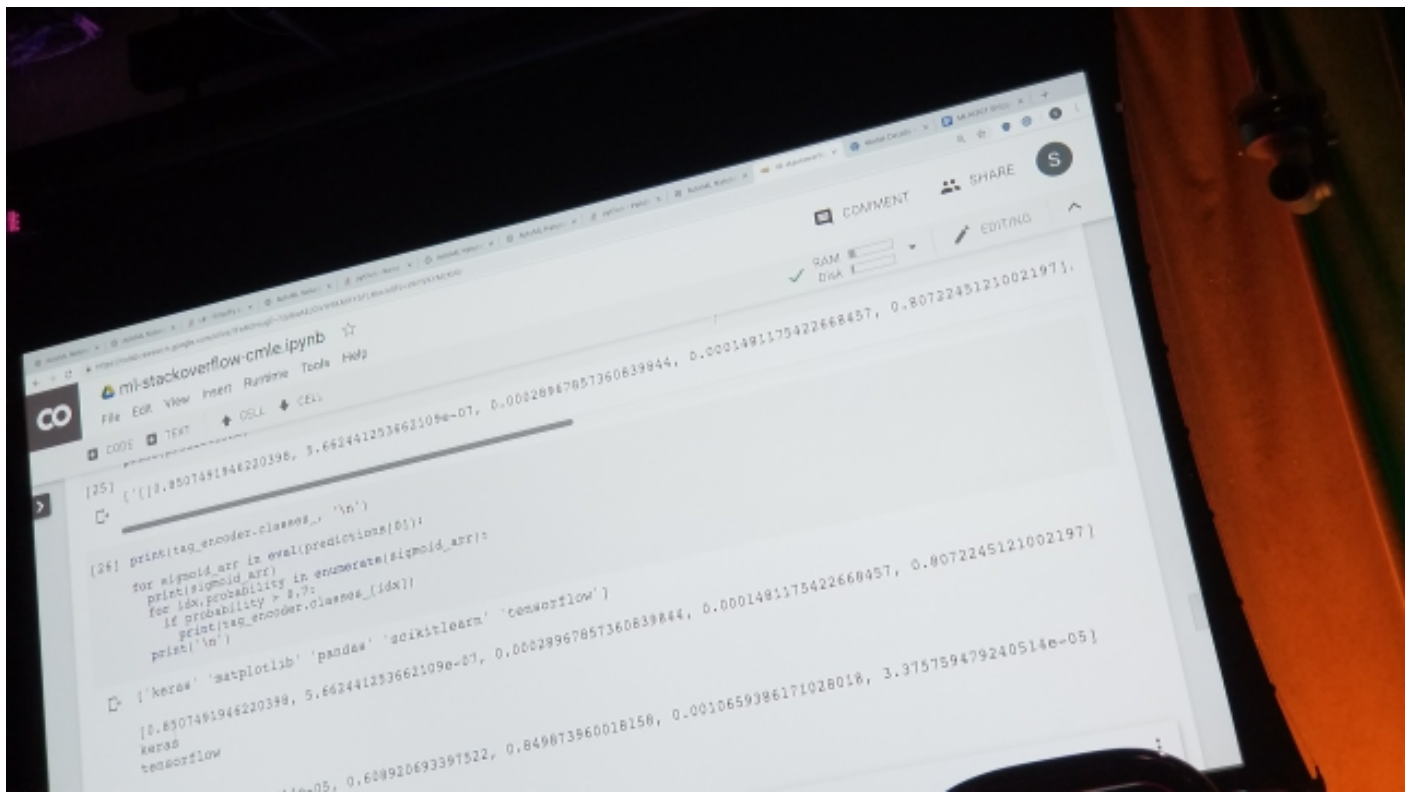
[yufengg.com](https://yufengg.com)

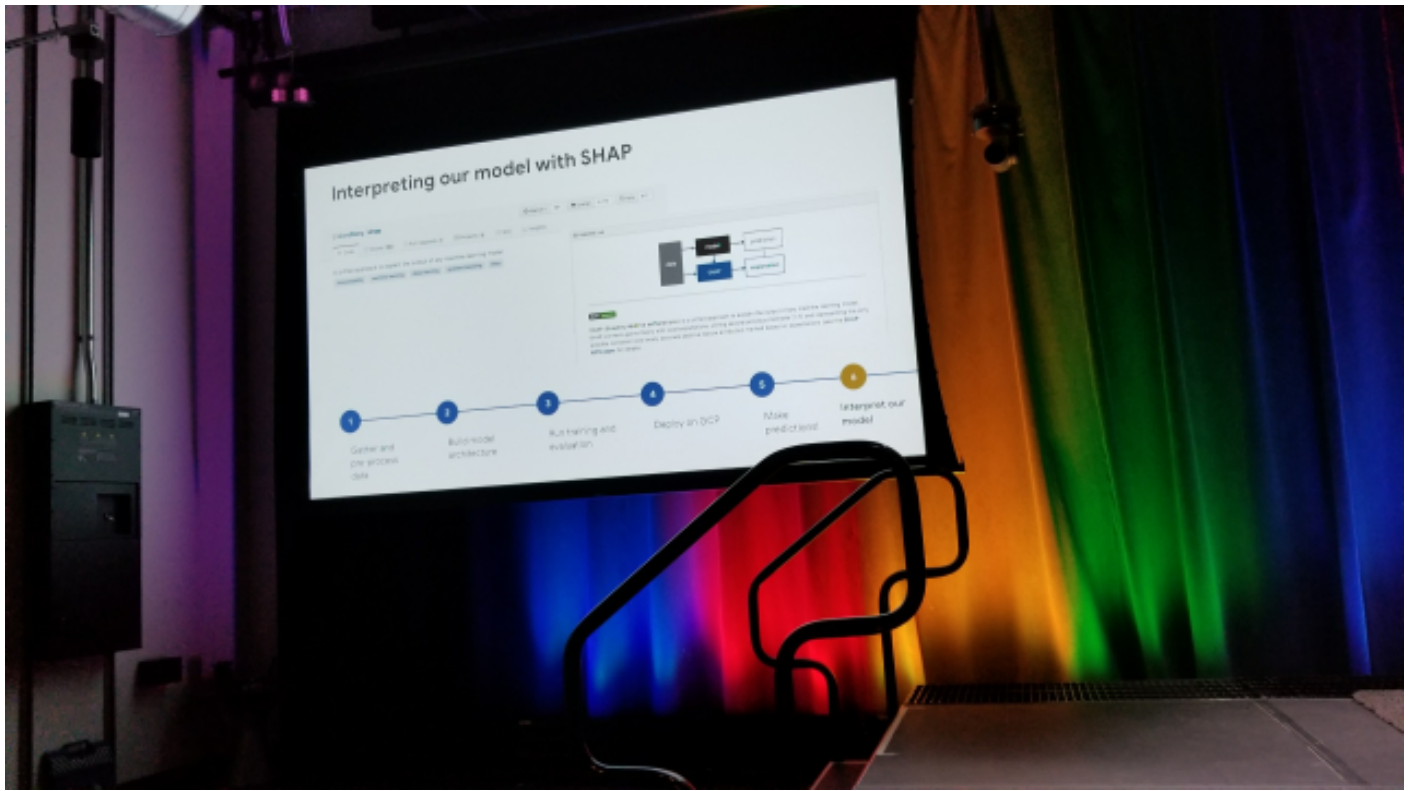


@SRobTweets

[sararobinson.dev](https://sararobinson.dev)







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