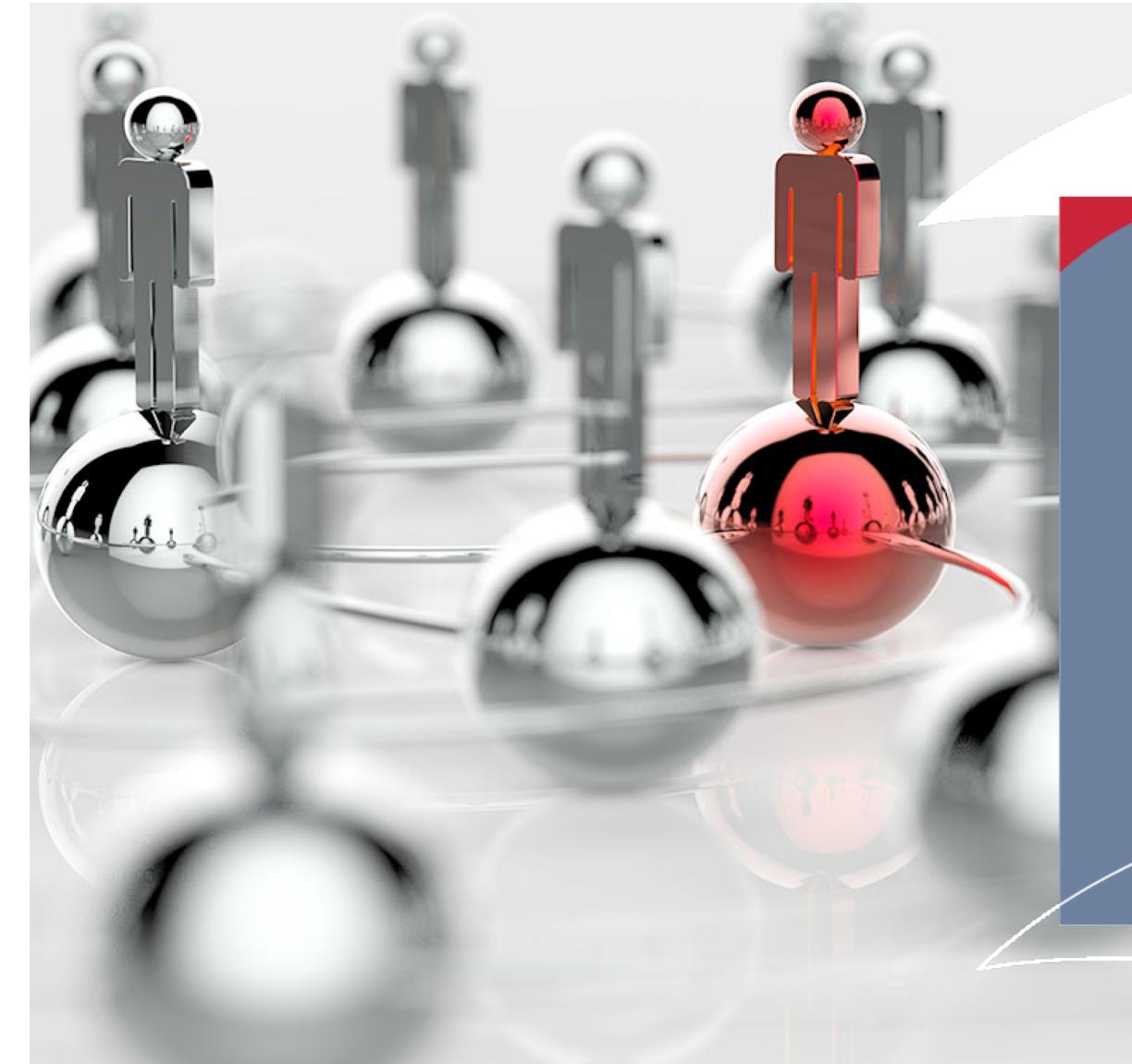


Azure Machine Learning in Practice

Toan Dang





Agenda

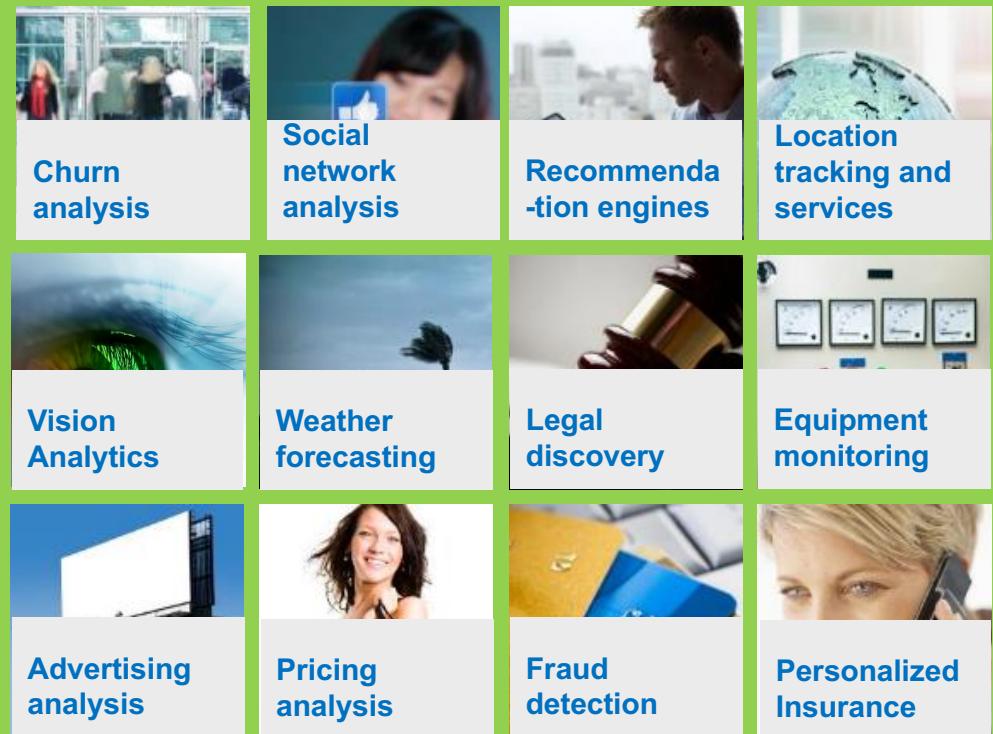
- Introducing Machine Learning
- Introducing Azure Machine Learning
- Practice Using Azure Machine Learning



Introducing Machine Learning

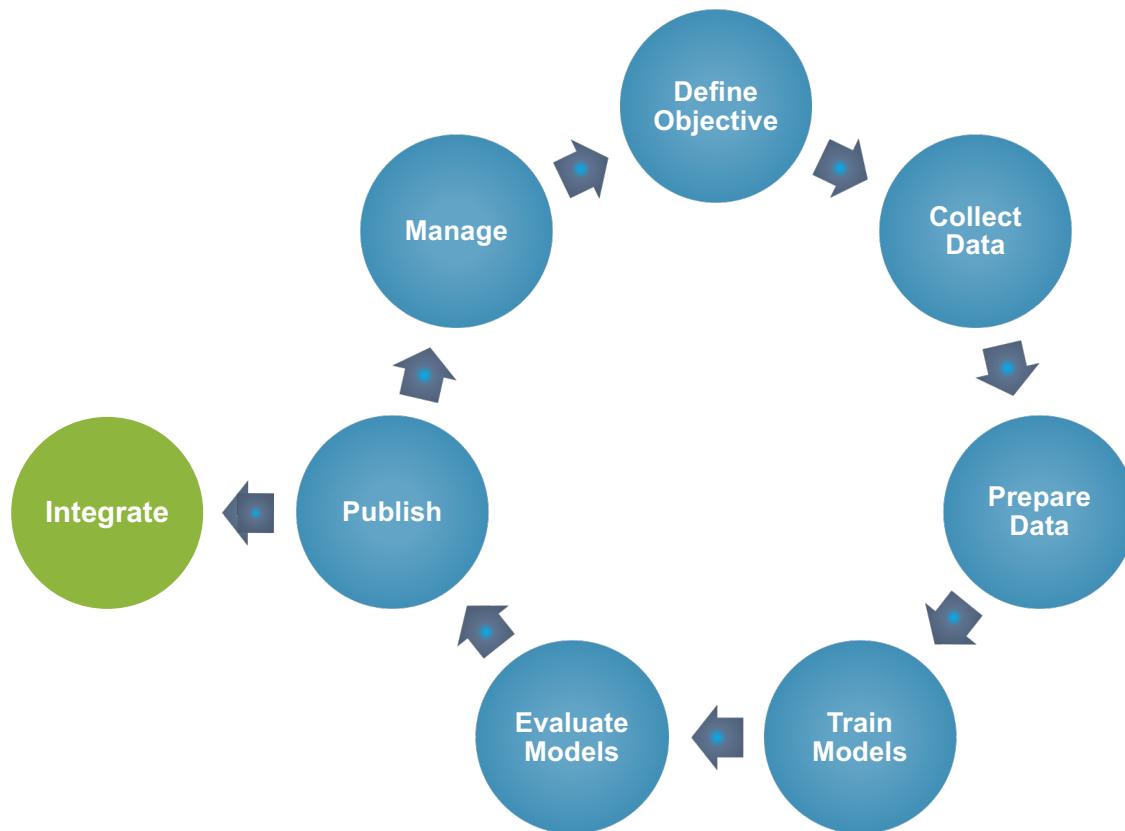
Using Past Data To Predict The Future

Machine learning & predictive analytics are core capabilities that are needed throughout your business





Machine Learning Flow





Introducing Azure Machine Learning



Azure Machine Learning

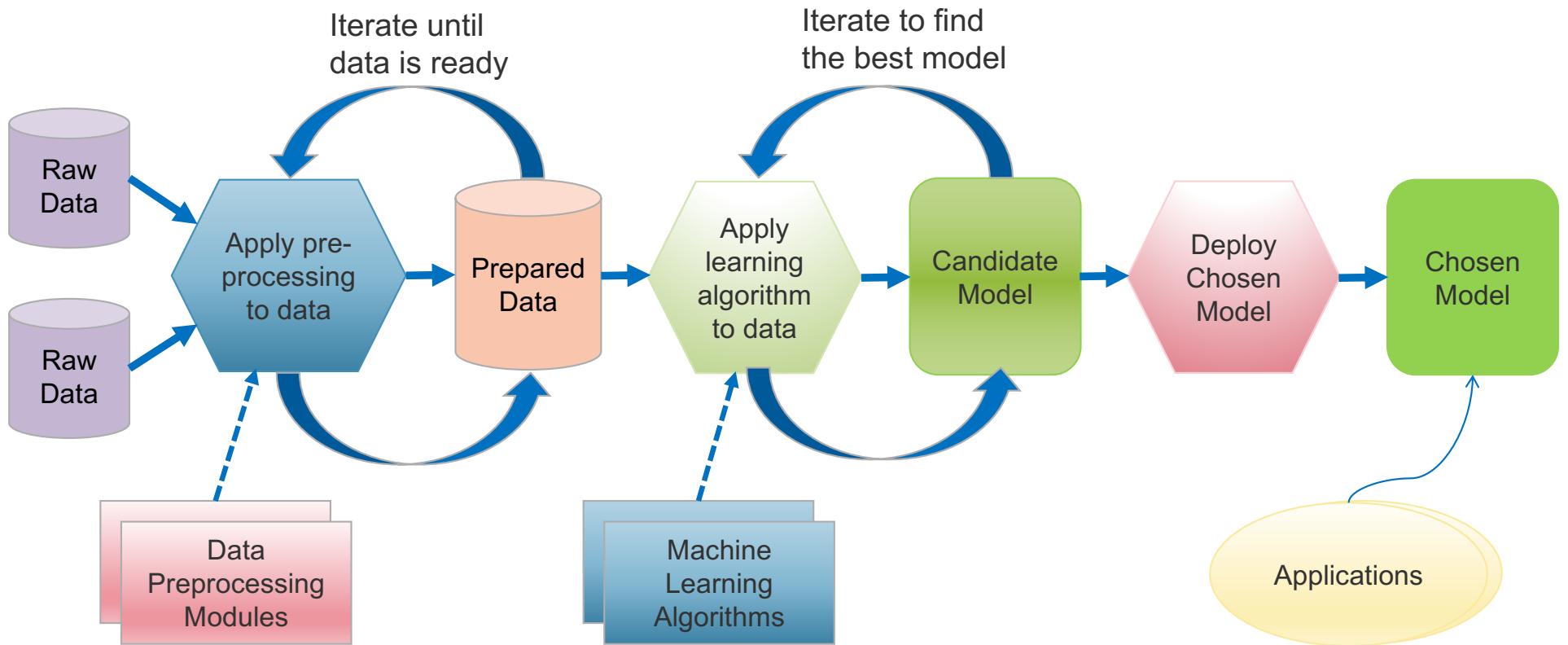
Machine Learning platform in Azure cloud

- Pre-process data
- Engineer features
- Modelling ≡ machine learning ≡ data mining
- Run R
- Run Python

Experiments (modelling) + Web Services (deployment)

- Free
 - Limited: data size, experiment duration, scalability, speed
- Paid
 - Relatively inexpensive, can be free

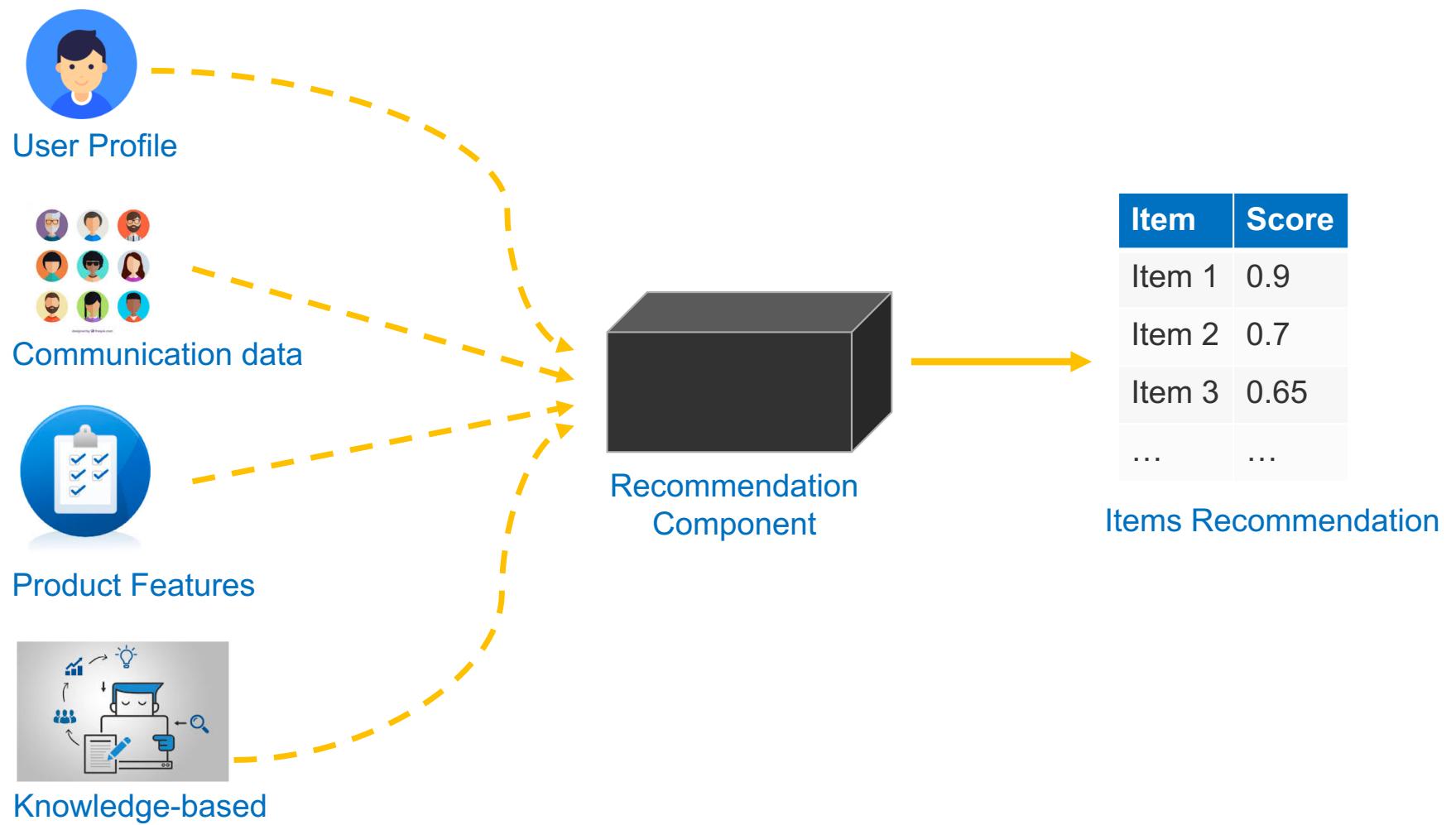
Azure Machine Learning Process



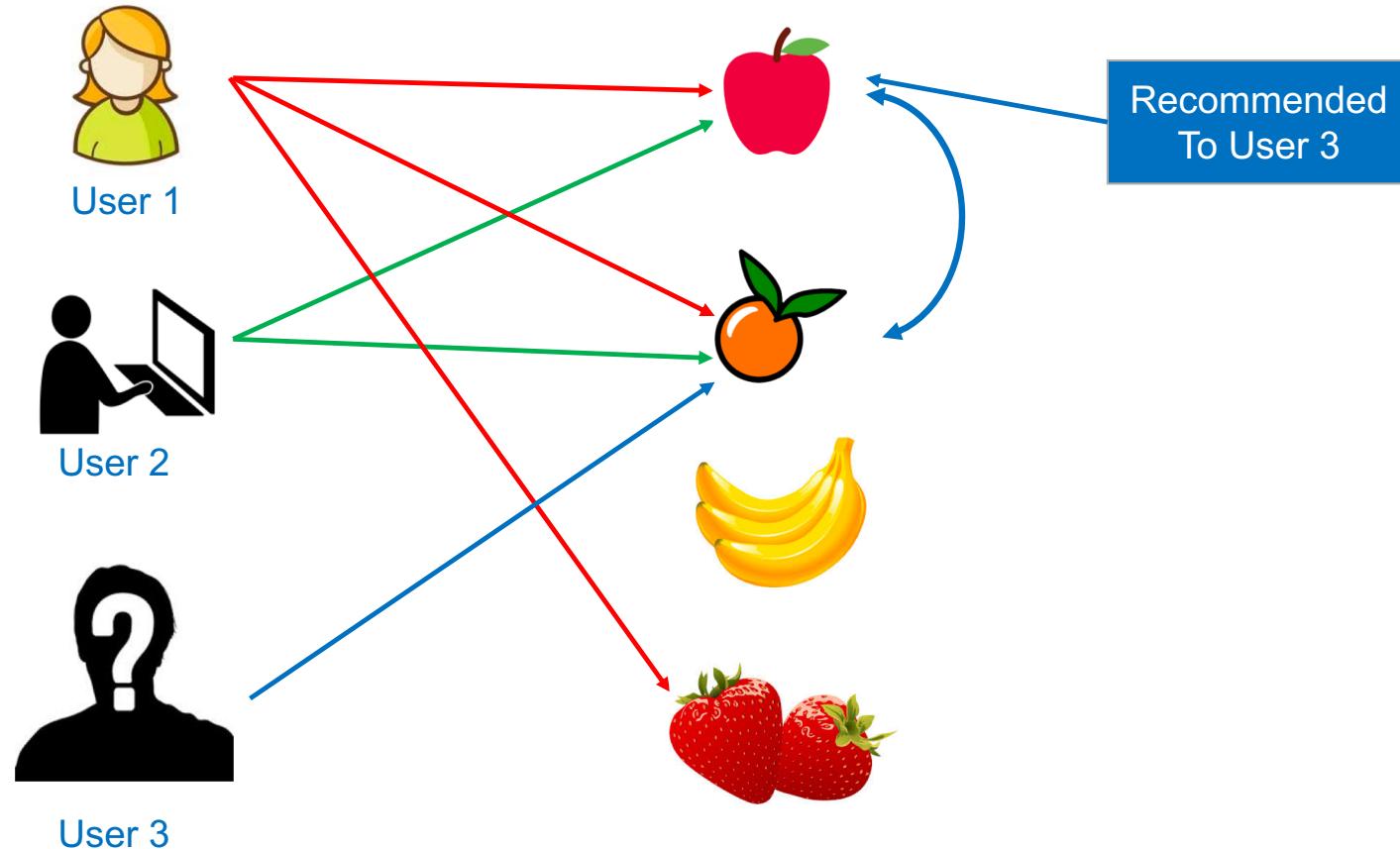
Practice Using Azure Machine Learning

Build Hybrid Recommender Model & Publish Predict

Recommender System



Example





THANK YOU

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