

# Towards fully automated training pipelines in Machine Learning

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ML REPA Meetup 4



web: [ml-repa.ru](http://ml-repa.ru)

telegram: [t.me/mlrepa](https://t.me/mlrepa)

# Сегодня

**19:00 - 19:30 Держим тонус моделей в продуктиве**

*Артем Селезнев, Big Data Analyst @ МегаФон*

**19:30 - 20:10 NLP games и автоматизация пайплайнов с Kubeflow**

*Михаил Рожков, Senior Data Scientist @ Raiffeisenbank*

**20:10 - 20:20 Перерыв на кофе и нетворкинг**

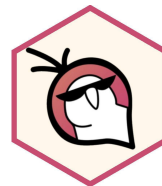
**20:20 - 20:50 Apache Airflow: семь раз примерь, один раз зашедуль**

*Петр Ермаков, Senior Data Scientist @ Lamoda / Data Coach @ DataGym.ru*



# ML REPA news

- mlflow Model Registry
- Databricks: feature-factory
- Databricks Community Edition
- Дата Ёлка



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# ML REPA in Amsterdam

with Textkernel

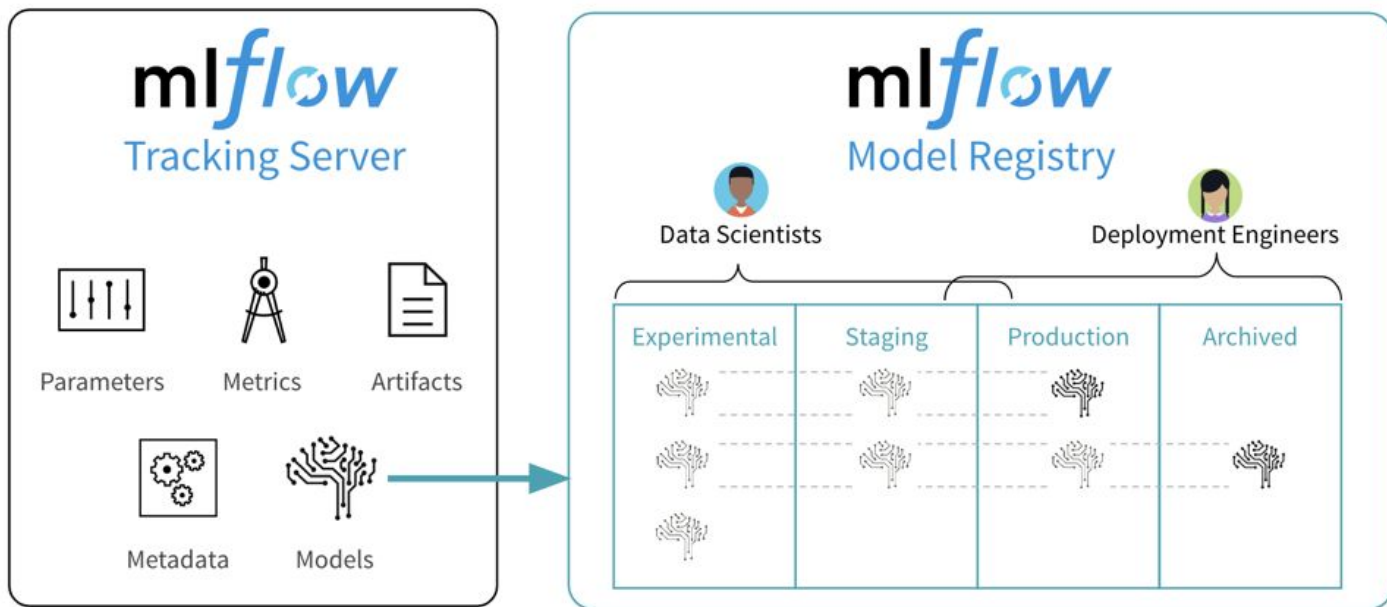
☒ DONE!

## Meetup 3: Machine Learning Reproducibility, Experiments, and Pipelines Automation for NLP


14 October 2019, Amsterdam

First ML REPA meetup in Amsterdam! This is a practical meetup for machine learning (ML) practitioners, team leads, data scientists and ML projects managers. Benchmark of approaches to NLP pipelines automation: AI plays words games

# mlflow: Model Registry



# Databricks: feature-factory

 databrickslabs / feature-factory

Watch 4

Unstar 10

Fork 5

<> Code

Issues 0

Pull requests 0

Projects 0

Wiki

Security

Insights

Accelerator to rapidly deploy customized features for your business

1 commit

1 branch

0 releases

1 contributor

View license

Branch: master ▾


New pull request

Create new file

Upload files

Find file

Clone or download ▾

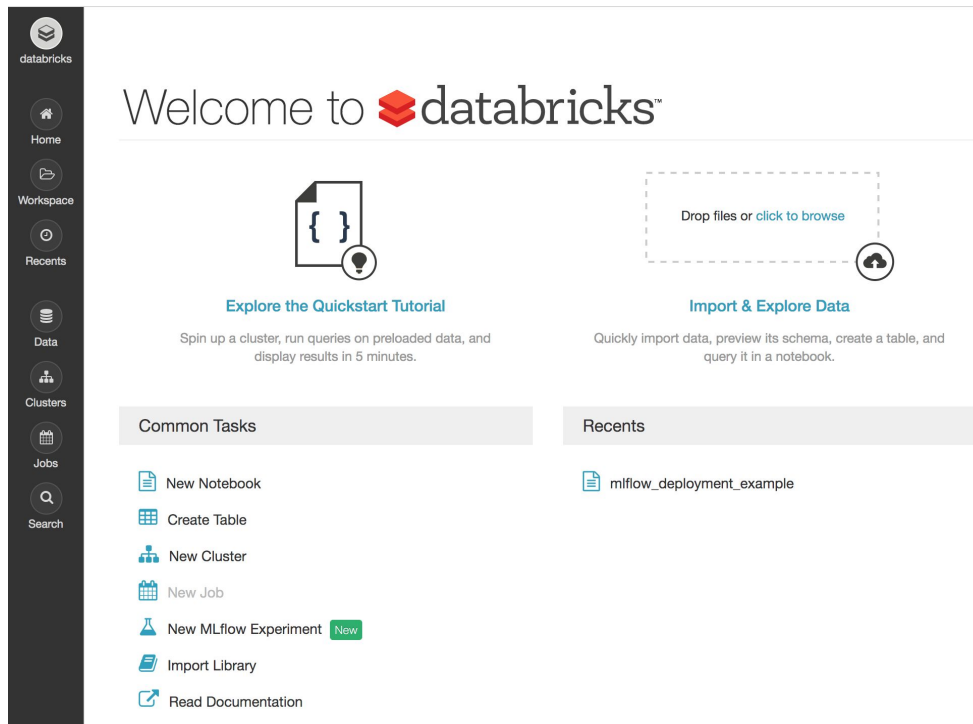
 srfnmnk cleaning commit hist

Latest commit 542f600 5 days ago


bin	cleaning commit hist	5 days ago
channelDemoCatalog	cleaning commit hist	5 days ago
channelDemoStore	cleaning commit hist	5 days ago
channelDemoWeb	cleaning commit hist	5 days ago
example_notebooks	cleaning commit hist	5 days ago
featurefamily_common	cleaning commit hist	5 days ago
framework	cleaning commit hist	5 days ago
test	cleaning commit hist	5 days ago
.DS_Store	cleaning commit hist	5 days ago


<https://github.com/databrickslabs/feature-factory>


# Databricks Community Edition










The image shows the Databricks Community Edition welcome screen. On the left is a dark sidebar with navigation icons: Databricks logo, Home, Workspace, Recents, Data, Clusters, Jobs, and Search. The main area has a 'Welcome to databricks' header. Below it are two primary actions: 'Explore the Quickstart Tutorial' (with a document icon) and 'Import & Explore Data' (with a cloud upload icon). The 'Import & Explore Data' section includes a dashed box with the text 'Drop files or click to browse'. At the bottom, there are two panels: 'Common Tasks' and 'Recents'. 'Common Tasks' lists: New Notebook, Create Table, New Cluster, New Job, New MLflow Experiment (marked 'New'), Import Library, and Read Documentation. 'Recents' lists: mlflow\_deployment\_example.

Welcome to  databricks™


 **Explore the Quickstart Tutorial**  
Spin up a cluster, run queries on preloaded data, and display results in 5 minutes.

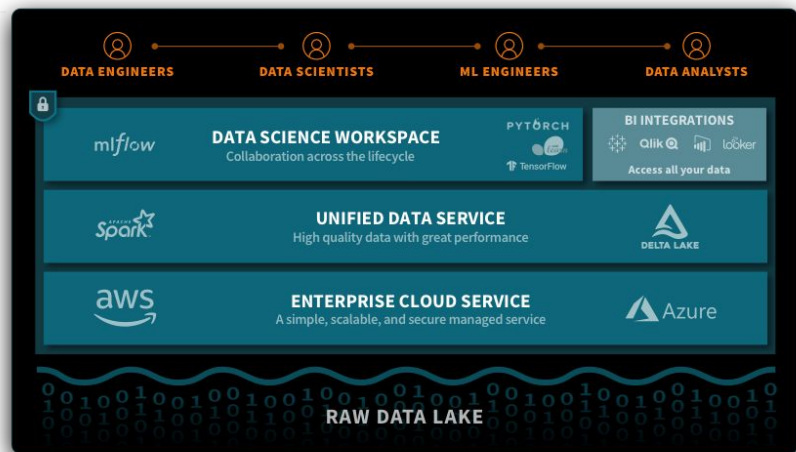
 **Import & Explore Data**  
Quickly import data, preview its schema, create a table, and query it in a notebook.

**Common Tasks**

-  New Notebook
-  Create Table
-  New Cluster
-  New Job
-  New MLflow Experiment New
-  Import Library
-  Read Documentation

**Recents**

-  mlflow\_deployment\_example



<https://databricks.com/product/faq/community-edition>  
<https://community.cloud.databricks.com>

# Дата Ёлка - 20-21 декабря

- секция ML REPA
- планы на 2020 год
- ищем интересные доклады!



Open Data Science

[ods.ai](https://ods.ai)