

빅데이터 분석 과제4 MLFlow 설치 및 실행

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The image shows two overlapping screenshots. The top screenshot is the MLFlow web interface at localhost:4040. It displays the 'Experiments' tab for an experiment named 'BDA'. A table of runs is shown, with the run 'agreeable-stork-589' highlighted by a red box. The bottom screenshot is the Docker Desktop interface, showing the 'Containers' tab with a single running container named 'spark'.

MLFlow Experiments Table:

Run Name	Created	Dataset	Duration
big-cod-847	2 minutes ago	-	12.9s
agreeable-stork-589	2 minutes ago	-	12.9s
bouncy-mole-942	3 minutes ago	-	12.8s
wise-lamb-260	4 minutes ago	-	12.8s
glamorous-ant-694	4 minutes ago	-	12.8s

Docker Desktop Containers Table:

Name	Image	Status	CPU (%)	Port(s)	Last started	Actions
spark	jupyter/all	Running	0.15%	4040:4040	5 hours ago	[Stop] [Refresh] [Logs]

agreeable-stork-589

BDA >
agreeable-stork-589

Run ID: b4a6f665d0d648ad8502dcdd21f50a05

Date: 2023-12-14 22:16:30

Source:  mlflow_example.py

User: jovyan

Duration: 12.9s

Status: FINISHED

Lifecycle Stage: active

> Description Edit

> Datasets

> Parameters (2)

> Metrics (1)

> Tags

▼ Artifacts

```

명령어
''' spark-submit --master local[*] predict_spark.py
/home/jovyan/work/1/b4a6f665d0d648ad8502dcdd21f50a05/artifcats/spark-m
odel
'''

```

23/12/14 13:19:24 INFO CodeGenerator: Code generated in 7.256982 ms

rawPrediction	probability	label	features
[18.45822572213445,1.5417742778655463]	[0.9229112861067227,0.07708871389327733]	1	[19.0,134.0,27.0,271.0,2.0,-1.0,0.0]
[18.45822572213445,1.5417742778655463]	[0.9229112861067227,0.07708871389327733]	0	[19.0,0.0,11.0,123.0,3.0,-1.0,0.0]
[18.45822572213445,1.5417742778655463]	[0.9229112861067227,0.07708871389327733]	0	[19.0,1169.0,6.0,463.0,18.0,-1.0,0.0]
[18.45822572213445,1.5417742778655463]	[0.9229112861067227,0.07708871389327733]	1	[20.0,423.0,16.0,498.0,1.0,-1.0,0.0]
[18.45822572213445,1.5417742778655463]	[0.9229112861067227,0.07708871389327733]	0	[20.0,-103.0,13.0,180.0,1.0,-1.0,0.0]

only showing top 5 rows